DOE/EP-0008

JUN 22 1981

E1.90:0008

May 1981

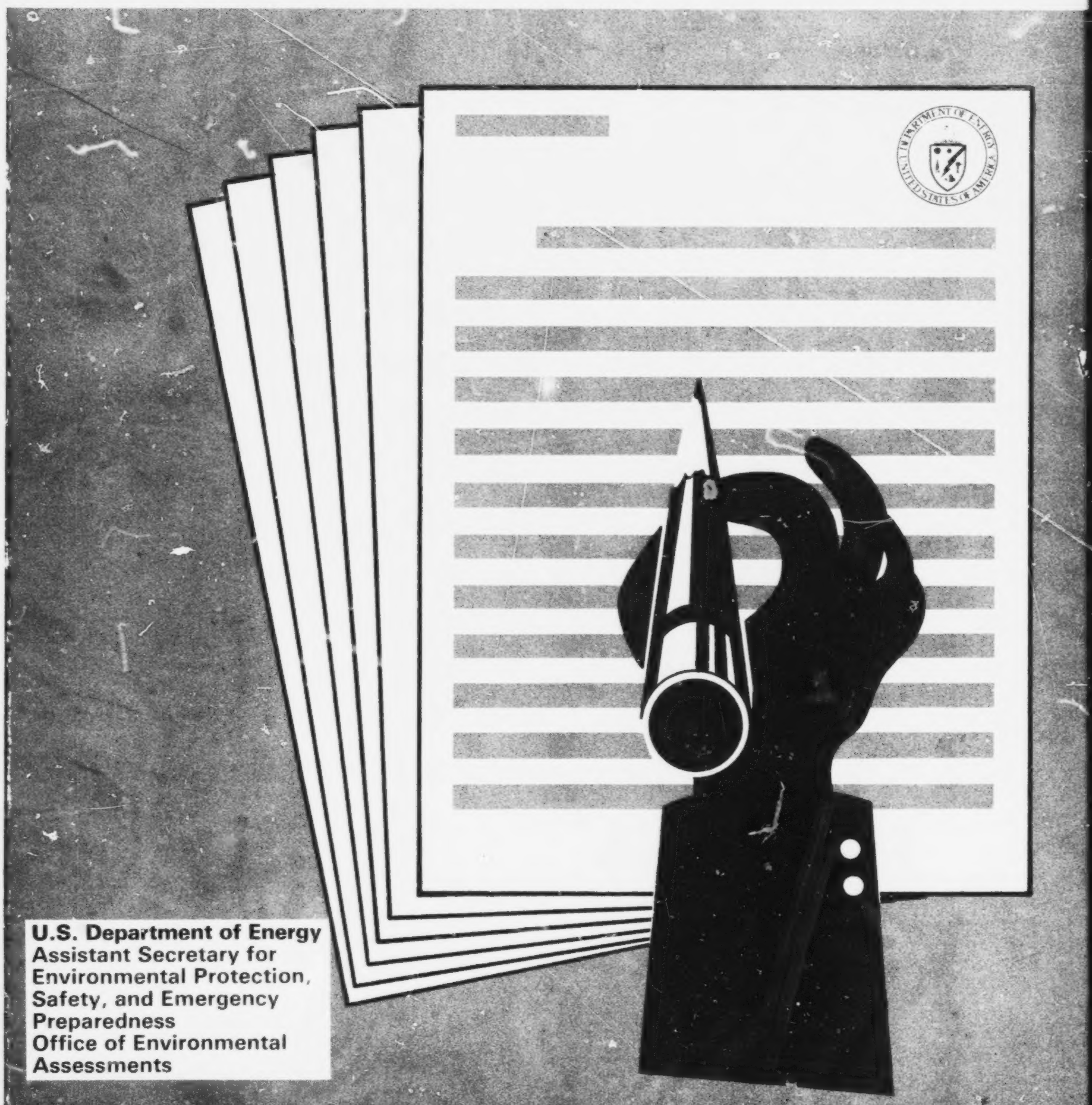
Inventory of Reports

OEA FY 1979

ORIGINAL

COMPLETED

190



U.S. Department of Energy
Assistant Secretary for Environmental Protection, Safety, and Emergency Preparedness
Office of Environmental Assessments

DOE/EP-0008
Office of Environmental Assessments
FY 1979
May 1981

Available from:

National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161

Price: Printed Copy: $14.00
Microfiche: $3.50

BEST DOCUMENT AVAILABLE

DOE/EP-0008
Distribution Category UC-11

Inventory of Reports OEA FY 1979

May 1981

U.S. Department of Energy
Assistant Secretary for Environmental Protection,
Safety, and Emergency Preparedness
Office of Environmental Assessments
Washington, D.C. 20585

ABSTRACT

The Inventory of Reports of the Office of Environmental Assessments (OEA) is a bibliographic listing of reports on environmental analyses, assessments, and related studies sponsored by OEA (previously known as the Office of Technology Impacts). The Office supports the Assistant Secretary for Environment (ASEV) in the U.S. Department of Energy (DOE).

- Reports are listed by the FY1979 organizational units - Policy Analysis, Technology Assessments, Environmental Impacts, and Regional Assessments.

- Also, reports are listed by the types of issue addressed - Energy Technology, Environmental Issue, and Geographic Region.

- Reports listed in this Inventory are generally available from:

  National Technical Information Service (NTIS)
  U.S. Department of Commerce
  5285 Port Royal Road
  Springfield, Virginia 22161

- Further information, or if the desired report is unavailable from NTIS contact the appropriate office.

OFFICE OF ENVIRONMENTAL ASSESSMENTS

Inventory of Reports

FY 1979

	Page No.
Abstract	i
Introduction	1
Inventory of Reports by Division	5
I. Policy Analysis (PAD)	7
A. Regulatory Analysis	9
B. Issues Analysis	10
II. Technology Assessments (TAD)	17
A. Environmental Development Plans (EDP's)	19
B. Environmental Readiness Documents (ERD's)	23
C. Fossil Assessments	24
D. Non-Fossil Assessments	27
E. Environmental Data Books	31
III. Environmental Impacts (EID)	33
A. Comprehensive National Assessments	35
B. Development of Improved Assessments	38
IV. Regional Assessments (RAD)	41
A. Regional Issues Identification and Assessments	43
B. Special Regional Issue Reports	44
Inventory of Reports by Issues	49
V. Energy Technology	51
VI. Environmental Issues	75
VII. Geographic Region	113

TABLE OF CONTENTS

Page

A. POLICY ANALYSIS 9

B. TECHNOLOGY ASSESSMENTS 19

C. ENVIRONMENTAL IMPACTS 35

D. REGIONAL ASSESSMENTS 43

E. ENERGY TECHNOLOGY 53

F. ENVIRONMENTAL ISSUES 77

G. GEOGRAPHIC REGION 115

PROGRAM ANALYSIS

TECHNOLOGY ASSESSMENTS

ENVIRONMENTAL IMPACTS

REGIONAL ASSESSMENTS

ENERGY TECHNOLOGY

ENVIRONMENTAL ISSUES

GEOGRAPHIC REGION

INTRODUCTION

This Inventory of Reports is a bibliographic listing of reports sponsored by the Office of Technology Impacts (currently the Office of Environmental Assessments). This listing contains reports produced with Fiscal Year 1979 funds by this program. To provide others with information on the products and progress of this program's assessment and policy evaluation efforts, the inventory of reports will be revised on an annual basis.

In January, 1978, the Office of Technology Impacts (OTI) was created to improve the understanding of the impacts on environmental policies, laws, and regulations on energy development and use, and the impacts of energy development and use on the environment, health, and safety of the Nation. To accomplish this goal, the impacts of energy-related environmental issues were analyzed, environmental research requirements for the energy technologies being developed by DOE were identified, and the national and regional environmental, health and safety impacts of DOE energy plans and programs were delineated. The work was accomplished through four program areas. The functions of each program are briefly described below:

Policy Analysis Division (PAD)

- Conducted comprehensive, comparative, integrated analyses across all environmental program areas and complemented these analyses with short-term assessments;
- Analyzed specific issues related to the environment and associated regulations and legislation; and
- Addressed regulatory aspects of air quality, water quality and availability, radiation, solid and hazardous wastes, toxic substances, mining, coal leasing, transportation, and occupational safety.

Technology Assessments Division (TAD)

- Ensured integration of environmental, health and safety concerns and research results into the energy technology programs by developing and updating Environmental Development Plans (EDP's), Environmental Readiness Documents (ERD's), and Project Environmental Plans; and
- Performed technology assessments aimed at anticipating, identifying, and evaluating the physical resource, environmental, health, safety, and social impacts and concerns caused by the introduction of new energy technologies.

Environmental Impacts Division (EID)

- Prepared assessment documents, utilizing documented analytical methods, data bases and scenario specifications provided by energy and economic analysis groups within the Department;

Environmental Impacts Division (cont.)

- Evaluated the sensitivity of assessment results to changes in the various environmental data sets and algorithms; and

- Provided evaluation and comprehensive assessments of the documentation, understanding and justification for analytical methods, and development and testing of improved methods in those areas yielding the greatest improvements in assessment productivity and reliability.

Regional Assessments Division (RAD)

- Gathered information, in a uniform national format, on the geophysical, social, economic, political, ecological, and cultural characteristics of the various regions of the United States;

- Identified, quantified, and prioritized the potential environmental, social, economic, political, and health issues associated with regional energy developments based upon regional characteristics and various future energy scenarios;

- Developed and adapted environmental planning techniques, such as siting procedures, which might aid in mitigating regional, state, or local problems; and

- Coordinated the preparation of water-for-energy assessments conducted by the Water Resources Council (WRC).

In Fiscal Year 1980, the Office of Technology Impacts was formally reorganized to become the Office of Environmental Assessments (OEA). It is currently comprised of the following organizational entities: Regulatory Assessments Division, Technology Assessments Division, and Regional Impacts Division.

Reports listed in this Inventory are generally available from:

National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161

For further information, or if the desired report is unavailable from NTIS contact the appropriate office listed below:

Policy Analysis Division
Department of Energy
Forrestal Building, Rm. 4G-025
Washington, D.C. 20585
(202) 252-4760

Technology Assessments Division
Department of Energy
Germantown Facility, Rm. D-411
Washington, D.C. 20545
(301) 353-4422

Environmental Impacts Division
Department of Energy
Germantown Facility, Rm. D-408
Washington, D.C. 20545
(301) 353-3311

Regional Assessments Division
Department of Energy
Germantown Facility, Rm. D-408
Washington, D.C. 20545
(301) 353-3311

BLANK PAGE

INVENTORY OF REPORTS
BY
DIVISION

Page No.

- Policy Analysis Division 7
- Technology Assessments Division 17
- Environmental Impacts Division 33
- Regional Assessments Division 41

BLANK PAGE

POLICY ANALYSIS DIVISION

Page No.

A. REGULATORY ANALYSIS 9

B. ISSUES ANALYSIS 10

BLANK PAGE

BEST DOCUMENT AVAILABLE

Policy Analysis Division

Regulatory Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	Water Quality Issues and Western Energy Development: An Overview	J. Jaks	06/80	West	Fossil Fuel Oil Shale and Tar Sands	Water Quality
	Water Quality Non-Degradation	J. Jaks	06/80	West	All	Water Quality
	Cross-Media Impacts on Water Quality	J. Jaks	09/80	North Central West	Fossil Fuel	Water Quality Land Use
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	G. Doumani, et. al.	11/79	International (excl. U.S.A.)	Coal Oil Shale and Tar Sands	Air Quality Water Quality Solid Waste Toxic Substances Occupational Safety General Public Safety
	Approach to Exhibit Energy-Related Environmental Safety and Health Impacts Risk Analysis	Tera	07/79	Global	All	Occupational Safety General Public Safety

Policy Analysis Division

Issue Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV-0050-1	Issues Concerning the Light-Duty Diesel	American Management Systems	09/79	U.S.A.	Oil and Gas	Air Quality
DOE/EV-0050-2	Issues Concerning the Light-Duty Diesel: An Update	American Management Systems	10/80	U.S.A.	Fossil Fuels	Air Quality
P-3294-23	An Analysis of Modelling Procedures Used by EPA to Assess the Impact of Diesel Vehicle Particulate Emissions	J. Calman, A.C. Hallquist	04/79	Continental	Diesel/Transport	Particulates
GCA7-400-013/1	Analysis of Selected PSD Issues Volume I - Exemptions for Energy Systems	P. Fennelly, et. al.	02/80	Continental	Fossil Fuels	Air Quality
GCA7-400-013/2	Analysis of Selected PSD Issues Volume II - Examination of Fugitive Dust Exemption	P. Fennelly, et. al.	02/80	Continental	Fossil Fuels	Air Quality
GCA7-400-013/3	Analysis of Selected PSD Issues Volume III - Use of the Bubble Concept in Nonattainment Areas	P. Fennelly, et. al.	02/80	Continental	Fossil Fuels	Air Quality
DOE/EV/10274-5	Program Documentation: Production of AQCR Maps Using SEEDIS	American Management Systems	04/80	Continental	Fossil Fuels	Air Quality
DOE/EV-6195	A Decision Tree for Industrial/Commercial Coal Utilization - An Energy Management Tool	Hoffman-Munter	02/80	Continental	Coal	Air Quality

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Policy Analysis Division

Issue Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	Review of Radiation Studies and Regulations	LASL	09/79	Global	Nuclear Fuels	General Public Safety
DOE/EV/10287	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	E. Dickson	12/79	U.S.A.	Fossil Fuels Coal Oil Shale and Tar Sands	Air Quality Water Quality Land Use Water Quantity
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	T. Williams, et. al.	06/80	U.S.A.	Fossil Fuels Coal Oil Shale and Tar Sands	Air Quality Water Quality Solid Waste Material Transport Land Use Occupational Safety General Public Safety Water Quantity
DOE/EV 10286-3	Federal and State Environmental Regulatory Requirements Impacting Synfuels Development	Fred. C. Hart Assoc.	09/79	U.S.A.	Fossil Fuels	State Regulations
16600-028-001	Environmental Regulatory Constraints Affecting Oil Shale Facility Siting and Operation: Perceptions of Industry and Potential Roles for the Energy Mobilization Board	Booz-Allen-Hamilton	11/79	West	Oil Shale and Tar Sands	Land Use

Office of Environmental Assessments

Inventory of Reports

Policy Analysis Division

Issue Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV 10023	Impact of State Environmental Laws and Regulations on Emerging Energy Technologies	Booz-Allen-Hamilton	11/79	U.S.A.	Fossil Fuels	Air Quality Water Quality Solid Waste Land Use Toxic Substances State Regulations
DOE/EV/10274-1	The Potential of Mediation for Resolving Environmental Disputes Related to Energy Facilities	American Management Systems	12/79	U.S.A.	All	Mediation of Disputes
DOE/EV-2037-1	Defining and Assessing Regulatory Delay	Armour, Schroeder	12/79	U.S.A.	Coal	Land Use
DOE/EV-2037-2	Defining and Assessing Coal-Based Synfuels v.s. Direct Combustion Facilities: Potential Competition for Preferred Sites	Armour, Schroeder	12/79	U.S.A.	Fossil Fuels	Land Use
DOE/EV-2037-3	Defining and Assessing Coal in California: Changing Supply Mix in a State Heavily Reliant on Gas and Oil for Electric Power Generation	Armour, Schroeder	12/79	West California	Coal	Land Use
DOE/EV-2037-4	Defining and Assessing The Need for Power Issue in the Context of Recent State Powerplant Siting Legislation	Armour, Schroeder	05/79	U.S.A.	Coal	Land Use
DOE/EV/01528-T1	Alternative Energy Facility Siting Policies for Urban Coastal Areas	Princeton Univ.	11/80	Northeast Coast Southeast Coast Gulf Coast California Coast	All	Air Quality Water Quality Solid Waste Land Use

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Policy Analysis Division

Issue Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	Locational Analysis Procedures	ORNL	02/80	U.S.A.	Fossil Fuels	Air Quality Water Quality Solid Waste
	SEAS Reference System	Mitre	05/80	U.S.A.	All	Air Quality Water Quality Solid Waste
	Feasible Sites for Electric Utilities	Mitre	05/80	U.S.A.	Fossil Fuels	Air Quality Water Quality Solid Waste
	Proposed Revisions to the TECHNET Model	A. Lawrence, et. al.	06/80	U.S.A.	Fossil Fuels	All
	Limits for the Burial of the Department of Energy Transuranic Wastes	J. W. Healy J. C. Roagers	09/79	U.S.A.	Nuclear Fission	Solid Waste General Public Safety
PNL-3300	Pacific Northwest Laboratory Annual Report for 1979 to the Department of Energy Assistant Secretary for Environment-PartV-Environmental Assessments, Control, Health and Safety	D.L. Hessel, et. al.	02/80	Global	Nuclear Fission	Toxic Substances Land Use General Public Safety
	Impacts of the Toxic Substance Control Act on DOE Nuclear Programs	ITRI	09/79	U.S.A.	Nuclear Fuels Nuclear Fission	Toxic Substances
	Environmental Issues Briefing Book - Radiation Inserts	LASL	09/79	U.S.A.	Nuclear Fission	Radiation Issues

Policy Analysis Division

Issue Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	The Impact of RCRA on the Commercialization of Coal Liquefaction Processes	Fred C. Hart Assoc.	11/79	U.S.A.	Coal Oil and Gas	Solid Waste
	The Impact of RCRA on Coal Gasification Wastes	Fred C. Hart Assoc.	08/79	U.S.A.	Coal Oil and Gas	Solid Waste
SAND79-1759	Survey of Indian Issues in the State of New Mexico Relating to Uranium Mining and Milling	Sandia Laboratories	11/79	Southwest	Nuclear Fuels	State Regulations
	Radiation Risk Analysis	Resources for Future	01/80	U.S.A.	Nuclear Fuels	Risk Analysis
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	ANL	03/80	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances Land Use General Public Safety Occupational Safety
	Industrial Sector Energy Use: Analysis of Energy-Environmental Issues	Radian Corp.	04/80	U.S.A.	All	All
	Comparison of Energy Demand Projections	Aerospace Corp.	04/80	U.S.A.	All	All
	Effects of Energy Development and Production on Agricultural Water Requirements	Radian Corp.	02/80	U.S.A.	All	Water Quality Water Quantity

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Policy Analysis Division

Issue Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV/10274-9	The Application of Interstate Compacts to Energy Facility Siting	American Management Systems	12/79	U.S.A.	All	State Regulations
	Energy-Related Land and Water Use Projections	Mitre/Consad	02/80	U.S.A.	Fossil Fuels	Water Quality Land Use
80W00448	Aquifer Preservation in Coal Development Areas	Mitre/Consad	04/80	North Central Appalachia	Coal	Water Quality
	Coal Impacts Report	Mitre	08/79	North Central Appalachia	Coal	Air Quality Water Quality Solid Waste Toxic Substance
4238-649	Analysis of BLM Federal Coal Leasing Program: Criteria for Designating Lands Unsuitable for Mining	The Futures Group	05/79	U.S.A.	Coal	Land Use
DOE/EV-01527	The Impact of Coal Mining on Prime Agricultural Lands	The Futures Group	02/80	U.S.A.	Coal	Land Use
	Review of Cost of Compliance with Selected Regulations in the Proposed Surface Coal Mining Regulation Program	The Futures Group	03/80	U.S.A.	Coal	SMCRA
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	Fred C. Hart Assoc.	12/79	U.S.A.	Coal Oil Shale and Tar Sands Nuclear Fuels	Air Quality Water Quality Solid Waste Toxic Substances Land Use

Policy Analysis Division

Issue Analysis

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
MTR-79W00234	Environmental Regulatory Issues Affecting Expanded Coal Use	Mitre	11/79	Continental	Coal	Air Quality
MTR-79W00279-01	Handbook of Fine Particulates	Mitre	01/80	Continental	Fossil Fuels	Air Quality
MTR-79W00279-02	Handbook of Fine Particulates	Mitre	01/80	Continental	Fossil Fuels	Air Quality
MTR-79W00355	A Guide to SEAS Documentation	F. TenEyck L. Porterfield K. Rebibo	01/80	Continental	All	Other
MTR-80W00246	SEAS Taxonomy Manual and User's Guide for SEAS Environmental Residuals	Mitre	04/80	Continental	All	Other

BEST DOCUMENT AVAILABLE

TECHNOLOGY ASSESSMENTS DIVISION

Page No.
A. ENVIRONMENTAL DEVELOPMENT PLANS 19
B. ENVIRONMENTAL READINESS DOCUMENTS 23
C. FOSSIL ASSESSMENTS 24
D. NON-FOSSIL ASSESSMENTS 27
E. ENVIRONMENTAL DATA BOOKS 31

BLANK PAGE

BEST DOCUMENT AVAILABLE

Office of Environmental Assessments
Inventory of Reports

Technology Assessments Division

Environmental Development Plans

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EDP-0025	Environmental Development Plan	TAD	04/78	U.S.A.	All	All
DOE/EDP-0029	Solar Heating and Cooling of Buildings	G. D'Alessio	09/79	U.S.A.	Solar	All
DOE/EDP-0030	Wind Energy Conversion	G. D'Alessio	07/79	U.S.A.	Wind	All
DOE/EDP-0031	Photovoltaics	G. D'Alessio	09/79	U.S.A.	Solar	All
DOE/EDP-0032	Biomass Energy Systems	G. D'Alessio	09/79	U.S.A.	Biomass	All
DOE/EDP-0033	Solar Agricultural and Industrial Process Heat	G. D'Alessio	09/79	U.S.A.	Solar	All
DOE/EDP-0034	Ocean Thermal Energy Conversion	G. D'Alessio	08/79	Deep Ocean Continental Shelf	Ocean Thermal	All
DOE/EDP-0035	Solar Thermal Power Systems	G. D'Alessio	08/79	U.S.A.	Solar	All
DOE/EDP-0036	Goethermal Energy Systems	R. Blaunstein R. Loose	08/79	U.S.A.	Geothermal	All
DOE/EDP-0037	Transportation Programs	D.O. Moses D.P. Maxfield	04/79	U.S.A.	Conservation	All
DOE/EDP-0038	Electric Energy Systems	D.O. Moses R. Loose	08/79	U.S.A.	Conservation Other Advanced Systems	All

Technology Assessments Division

Environmental Development Plans

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EDP-0039	Industrial Programs	D.O. Moses R. Sheneman	07/79	U.S.A.	Conservation	All
DOE/EDP-0040	Energy Storage Systems	D.O. Moses R. Loose	09/79	U.S.A.	All	All
DOE/EDP-0041	Buildings and Community Systems	D.O. Moses P. Bach	09/79	U.S.A.	Conservation	All
DOE/EDP-0042	Light-Duty Diesel Vehicles	D.O. Moses	10/79	U.S.A.	Oil and Gas Conservation	All
DOE/EDP-0045	Magnetohydrodynamics	G. Rotariu B. Baratz	05/79	U.S.A.	Fossil Fuels	All
DOE/EDP-0046	Fossil Fuel Utilization Program	W. Wilson	04/79	U.S.A.	Fossil Fuels	All
DOE/EDP-0047	Underground Coal Gasification	W. Wilson	09/79	U.S.A.	Coal	All
DOE/EDP-0048	Enhanced Oil Recovery	G.J. Rotariu J. Powderly	11/79	U.S.A. West	Oil and Gas	All
DOE/EDP-0049	Unconventional Gas Recovery	G.J. Rotariu J. Powderly	10/79	U.S.A. Mid-Atlantic States Gulf Coast	Oil and Gas Geothermal	All

BEST DOCUMENT AVAILABLE

Office of Environmental Assessments
Inventory of Reports

BEST DOCUMENT AVAILABLE

Technology Assessments Division

Environmental Development Plans

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EDP-0051	Oil Shale	G.J. Rotariu J. Powderly	11/79	Mid-Atlantic States North Central States West Northwest U.S.A.	Oil Shale and Tar Sands	All
DOE/EDP-0052	Magnetic Fusion	W.N. Thomasson J. Baublitz	09/79	U.S.A.	Nuclear Fusion	All
DOE/EDP-0055	Decontamination and Decommissioning	C. Campbell, A. Kluk	07/79	U.S.A.	Nuclear Fuels	All
DOE/EDP-0056	Special Nuclear Materials Production	W.N. Thomasson J. Swift, E. Greenleigh C. Campbell, R. Heusser	08/80	Northwest Columbia River South Atlantic States Central States Groundwater	Nuclear Fuels Nuclear Fission	All
DOE/EDP-0057	Space Applications	W.N. Thomasson T. Dobry	09/79	U.S.A. Global	Nuclear Fuels	All
DOE/EDP-0058	Uranium Mining, Milling and Conversion	W.N. Thomasson	08/79	U.S.A.	Nuclear Fuels Nuclear Fission	All
DOE/EDP-0059	Uranium Enrichment	W.N. Thomasson M. Rao	09/79	Midwest Central States	Nuclear Fuels Nuclear Fission	All

Office of Environmental Assessments
Inventory of Reports

Technology Assessments Division

Environmental Development Plans

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EDP-0060	Nuclear Materials Transportation	J. Swift, W.N. Thomasson, R. Rhodes	03/81	U.S.A.	Nuclear Fuels Nuclear Fusion Nuclear Fission	Materials Transport Occupational Safety General Public Safety
DOE/EDP-0061	Advanced Isotope Separation	W.N. Thomasson A. Litman	05/79	Midwest Central States	Nuclear Fuels Nuclear Fission	All
DOE/EDP-0062	Environmental Development Plans for Energy Technology Programs - Summary	TAD	10/79	U.S.A.	All	All
DOE/EDP-0063	Commercial Waste Management	C. Campbell R. Foster, PNL J. Swift G. Pleat	08/80	U.S.A.	Nuclear Fuels Nuclear Fission	Air Quality Water Quality Solid Waste Toxic Substances
DOE/EDP-0064	Defense Waste Management	C. Campbell J. Swift G. Pleat	08/80	U.S.A.	Nuclear Fuels Nuclear Fission	Air Quality Water Quality Solid Waste Toxic Substances

BEST DOCUMENT AVAILABLE

22

BEST DOCUMENT AVAILABLE

Technology Assessments Division

Environmental Readiness Documents

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/ERD-0012	Coal Gasification/Commercialization Phase III Planning	B. Almaula, et. al.	02/80	U.S.A.	Coal	All
DOE/ERD-0014	Advanced Electric Generation	A. Goldberg	08/79	U.S.A.	Other Advanced Systems	All
DOE/ERD-0015	Coal Liquefaction	B. Almaula, et. al.	01/80	U.S.A.	Coal	All
DOE/ERD-0018	Solar Heating and Cooling of Buildings	G. D'Alessio, et. al.	09/79	U.S.A.	Solar	All
DOE/ERD-0019	Solar Thermal Power Systems	G. D'Alessio, et. al.	08/79	U.S.A.	Solar	All
DOE/ERD-0020	Ocean Thermal Energy Conversion	G. D'Alessio, et. al.	08/79	U.S.A.	Ocean Thermal	All
DOE/ERD-0023	Coal/Oil Mixtures	W. Wilson, et. al.	06/79	U.S.A.	Coal Oil and Gas	Air Quality Water Quality
DOE/ERD-0024	Coal Extraction and Preparation Technology	W. Wilson, et. al.	07/79	U.S.A.	Fossil Fuels	All
DOE/ERD-0025	Solar Agricultural and Industrial Process Heat	G. D'Alessio	08/79	U.S.A.	Solar	All
DOE/ERD-0026	Wood Combustion	G. D'Alessio	08/79	U.S.A.	Biomass	All
DOE/ERD-0027	Magnetohydrodynamics	G. Rotariu	07/80	U.S.A.	Fossil Fuels	All
DOE/ERD-0021	Biomass Energy	G. D'Alessio, et. al.	08/79	U.S.A.	Biomass	All

Office of Environmental Assessments
Inventory of Reports

Technology Assessments Division

Fossil Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
TID-29425	National Coal Utilization Assessment Report (NCUA)-- Volumes I & II	ANL	9/79	U.S.A.	Coal	Air Quality Water Quality Solid Waste Toxic Substances Materials Transport Occupational Safety General Public Safety Welfare Impacts
	Mitigating Impacts of Increased Coal Utilization in the Northeast: Postscript of National Coal Utilization Assessment	PNL	3/80	New England N.Y. - N.J. Mid- Atlantic States	Coal	Air Quality Water Quality Solid Waste
	Alaska Studies - Coal Related Air Studies	PNL	10/79	Alaska	Coal	Air Quality
ANL/EES-TM-75	An Assessment of the Relative Socioeconomic Effects of Increased Coal Development in the United States	ANL	12/79	U.S.A.	Coal	Social Impacts
	Disposal and Utilization Options for Easing Constraints on Coal Due to Solid Waste Issues	ANL	09/79	U.S.A.	Coal	Solid Waste
ANL/EES-TM-102	Energy Development and Water Options for the Yellowstone River Basin	ANL	08/80	West	Coal	Water Availability

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Technology Assessments Division

Fossil Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	Coal Technology Issues Report on Water Availability	ORNL	09/79	U.S.A.	Coal	Water Availability
ANL/EES-TM-70	Water Laws in Eleven Midwestern States: Summary Tables	ANL	06/79	Midwest	Water	Water Quality
	Industry Energy Use Report	PNL	03/80	U.S.A.	Fossil Fuels Hydroelectric Solar Biomass	All
ANL/EES-TM-99	An Overview of the Environmental Concerns of Coal Transportation	ANL	02/80	U.S.A.	Fossil Fuels	All
	Industry Assessment Report	ANL	08/80	U.S.A.	Fossil Fuels Hydroelectric Solar Biomass Conservation	All
ANL/EES-TM-80	An Overview of DOE Initiatives Concerning Industrial Boilers New Source Performance Standards	ANL	12/79	U.S.A.	Coal	Air Quality
	Liquefaction Technology Assessment: Costs Versus Stringency of Environmental Parameters	ORNL/Fluor	10/80		Coal	Environmental Protection Costs vs. Environmental Stringency

Technology Assessments Division

Fossil Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes	C. Prien, C. Gale, M. Shaffrom (DRI), H. Williams (Mitre)	10/79	U.S.A.	Oil Shale	Control Costs
DOE/EV-0069	Comparative Assessment of Health and Safety Impacts of Coal Use	E. Salmon	03/80	U.S.A.	Fossil Fuels	All
DOE/EV-0105	Characterization of Solid Waste Conversion and Cogeneration Systems	LBL	09/80	U.S.A.	Solar	All
DOE/EV-0106	Environmental and Economic Evaluation of Energy from Agricultural and Forestry Residues	ANL	09/80	U.S.A.	Solar	All
DOE/EV-0107	Environmental Residuals and Capital Cost of Energy Recovery from Municipal Sludge and Feedlot Manure	ANL	09/80	U.S.A.	Solar	All
DOE/EV-0108	Alcohol Production from Agricultural and Forestry Residues	ANL	09/80	U.S.A.	Solar	All

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Technology Assessments Division

Non-Fossil Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV-0099	Technology Assessment of Solar Energy - Characterization Summary	Mitre Corp. BNL, ANL, ORNL LASL, LBL	09/80	U.S.A.	Solar	All
DOE/EV-0059	Technology Assessment of Solar Energy - Solar/Community Impacts	M. Duffey-Armstrong J.E. Armstrong	10/79	U.S.A.	Solar Wind	Institutional Impediments
DOE/EV-0052	Technology Assessment of Solar Energy - Three Solar Urban Futures	M. Milne M. Adelson R. Corwin	11/79	U.S.A.	Solar	Land Use Socioeconomics
DOE/EV-0067	A Technology Assessment of Solar Energy Systems - Land Use and Environmental Impacts of Decentralized Solar Energy Use	R. Twiss P. L. Smith A. E. Gatzke S. T. McCreary	09/79	U.S.A.	Solar	Land Use
	Solar Impacts of Long-Range Transport of Particulates	PNL	09/80	West	Solar	Air Quality
	Solar Impacts and Long-Range Transport of Sulfates	Lippert (BNL)	09/80	U.S.A.	Solar	Air Quality
	Forecasting the Impacts of Pollutants on Plant Growth with Computer Simulations--a Case Study	J. R. Kercher	1979	West	Geothermal	Ecosystem Quality
DOE/EV-0092	An Assessment of Geothermal Development in the Imperial Valley of California	LLL	07/80	West	Geothermal	Air Quality Water Quality Solid Waste Land Use General Public Safety

Office of Environmental Assessments
Inventory of Reports

Technology Assessments Division

Non-Fossil Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
BNL 51046	Ranking Energy Conservation Measures to Establish Research Priorities: Synopsis of a Workshop	P.D. Moskowitz T.Q. Le B. Pierce	05/79	U.S.A.	Conservation	Air Quality Water Quality Occupational Safety General Public Safety
DOE/EV-0100	Preliminary Definition and Characterization of a Solar Industrial Process Heat Technology and Manufacturing Plant for the Year 2000	LASL	09/80	U.S.A.	Solar	All
DOE/EV-0101	Decentralized Solar Photovoltaic Energy Systems	LASL	09/80	U.S.A.	Solar	All
DOE/EV-0102	The Characterization and Assessment of Selected Solar Thermal Energy Systems for Residential and Process Heat Applications	LASL	09/80	U.S.A.	Solar	All
DOE/EV-0103	Technology Assessment of Wind Energy Conversion Systems	LASL	09/80	U.S.A.	Solar	All
DOE/EV-0104	Characterization of Selected Application of Biomass Energy Technologies and a Solar District Heating & Cooling System	ORNL	09/80	U.S.A.	Solar	All
DOE/EV-0071	A Technology Assessment of Productive Conservation in Urban Transportation--Project Description	D. Moses, et. al.	12/79	U.S.A.	Oil and Gas	All

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
UCRL-52763	Social and Economic Research Program for the Geysers--California Known Geothermal Resource Area	C. H. Hall K. D. O'Banion	03/79	West	Geothermal	Land Use Socioeconomic Effects
UCRL-52707	The Potential Air Quality Impact of Geothermal Power Production in the Imperial Valley	P.H. Gudiksen, et. al.	10/79	Southwest West	Geothermal	Air Quality
UCRL-52699	Imperial Valley Environmental Project - Air Quality Assessment	D.L. Ermak, et. al.	04/79	West	Geothermal	Air Quality
UCRL-82871	Water-Related Impacts of Geothermal Developments in California's Imperial Valley	D.W. Layton	07/79	West	Geothermal	Air Quality
UCRL-52783	Geothermal Environmental Projects Publication List with Abstracts: 1975 through 1978	Y.E. Ricker L.R. Anspaugh	05/79	U.S.A.	Geothermal	Air Quality Water Quality Toxic Substances Socioeconomics Environmental Control Technology Subsidence and Seismicity
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	M.T. Ryan S.J. Cotter	04/80	U.S.A.	Nuclear Fuels	Air Quality Water Quality Solid Waste Toxic Substances Occupational Safety General Public Safety

Technology Assessments Division

Non-Fossil Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	F.C. Bryant P.D. Moskowitz	10/79	New England New York - New Jersey	Conservation	Air Quality Water Quality Land Use Occupational Safety General Public Safety
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	E. Edelson	03/80	Northwest	Conservation	Air Quality Water Quality Solid Waste Land Use General Public Safety

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Technology Assessments Division

Environmental Data Books

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV-0072	Technology Characterizations/Environmental Information Handbook	H. Williams, et. al. A. Fry TAD Staff	06/80	U.S.A.	All	All
DOE/EV-0073	Environmental Data--Energy Technology Characterizations--Synthetic Fuels	H. Williams, et. al.	04/80	U.S.A.	Coal Oil Shales and Tar Sands	All
DOE/EV-0074	Environmental Data--Energy Technology Characterizations--Coal	H. Williams, et. al.	04/80	U.S.A.	Coal	All
DOE/EV-0075	Environmental Data--Energy Technology Characterizations--Petroleum	H. Williams, et. al.	04/80	U.S.A.	Oil and Gas	All
DOE/EV-0076	Environmental Data--Energy Technology Characterizations--Natural Gas	H. Williams, et. al.	04/80	U.S.A.	Oil and Gas	All
DOE/EV-0077	Environmental Data--Energy Technology Characterizations--Geothermal	H. Williams, et. al.	04/80	U.S.A.	Geothermal	All

BLANK PAGE

ENVIRONMENTAL IMPACTS DIVISION

Page No.
A. COMPREHENSIVE NATIONAL ASSESSMENTS........................35
B. DEVELOPMENT OF IMPROVED ASSESSMENTS........................38

BLANK PAGE

BEST DOCUMENT AVAILABLE

Environmental Impacts Division

Comprehensive National Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
MTR-79W00284	Annual Environmental Analysis Report II	Mitre Corp.	12/80	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances Land Use
HCP/P-6119	National Environmental Impact Projection (NEIP) I	Mitre Corp.	02/79	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances Land Use
	National Environmental Impact Program (NEIP) II	Mitre Corp.	02/80	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances Land Use
MTR-79W00225	National Energy Plan II - Environmental Trends and Impacts	Mitre Corp.	05/79	U.S.A.	All	All
	Direct and Indirect Economic Impacts of NEIP II Scenarios	J. Sathaye H. Ruderman	10/79	U.S.A.	All	All
	Methodologies for Integrated Environmental Impact Analysis	P.T. Kleeman J. Lukachinski P.J. Groncki	10/79	U.S.A.	All	All

Office of Environmental Assessments
Inventory of Reports

Environmental Impacts Division

Comprehensive National Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
ANL/AA-15	Proceedings of the National Ecological Assessment Workshop	S.W. Ballou K.E. Robeck	01/80	Global	All	Water Quality Land Use
DOE/EV-0098	Proceedings of the Workshop on National/Regional Energy-Environmental Modelling Concepts	LBL	11/79	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances Land Use
DOE/EV-0098	Integrated Assessments for Energy Related Environmental Standards--A Workshop of Environmental Impacts	LBL	11/79	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances
ANL/EES-TM-89	Nonattainment of National Ambient Air Quality Standards: Implications for Energy Policy	ANL	10/79	U.S.A.	All	Air Quality
	Applications of the National Ecological Data Base Project Activities for FY 1979	R.J. Olson	12/79	U.S.A.	Coal	Air Quality
BNL-26185-R1	A Long-Range Transport Model for Calculating the Atmospheric Impacts of Residual Sulfur Oxides	R.E. Meyers, et. al.	06/79	U.S.A.	All	Air Quality

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Environmental Impacts Division

Comprehensive National Assessment

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis - Volume I - Summary	J. Vernoeff, et. al.	01/79	U.S.A.	Coal Oil Shales and Tar Sands Nuclear Fuels Hydroelectric Geothermal Solar Other Advanced Systems	All
	Standby Energy Conservation Plan No. 2 Building Temperature Restrictions Plan	Mitre Corp.	06/79	U.S.A.	Conservation	Air Qualtiy
	National Energy Supply Strategy Initiatives	ORNL	09/79	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances Land Use
	Environmental Research Priorities for Energy in the 1980's	Aerospace Corp.	03/80		All	Air Quality Water Quality Solid Waste Toxic Substances Land Use
	Impacts of the Toxic Substances Control Act on Energy Industries	ORNL	12/79	U.S.A.	Coal Oil Shale and Tar Sands	Toxic Substances
	National Health Assessment Methods	L. Hamilton S.C. Morris	11/79	U.S.A.		

Environmental Impacts Division

Development of Improved Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes--Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry - Volume I, An Engineering Analysis	T.D. Nevens, et. al.	07/79	Central States West	Oil Shale and Tar Sands	Air Quality Water Quality Solid Waste Land Use
	Volume II (of above) - A Subjective Self-Assessment of Uncertainity in the Predicted Costs	Woodward-Clyde	09/79	Central States West	Oil Shale and Tar Sands	Air Quality Water Quality Solid Waste Toxic Substances
	Review of State Implementation Plans for Nonattainment Areas	ANL	11/79	Central States West	Fossil Fuels	Air Quality
ANL-79-71	An Interim Report on the Development and Application of Environmental Mapped Data Digitalization, Encoding, Analysis & Display Software for the ALICE System-Volume I	ANL	06/79	Global	All	All
DOE/EV-01682	Leading Trends in Environmental Regulation That Affect Energy Development	FRC	08/79	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances
	A Suggested Bibliography for a Compendium of State-of-the-Art Risk Assessment	W.R. Rowe	10/79	U.S.A.	All	All

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Environmental Impacts Division

Development of Improved Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	Regional & Urban Studies Technical Information Center Support	A. Loebel	09/79	U.S.A.	All	All
	Input Document to EPA	Aerospace Corp.	11/79	U.S.A.	All	All
ORNL 5513	Annual Progress Report - Energy Division - Period Ending September 30, 1978	W. Fulkerson	03/79	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances
	SEAS Regionalization Comparison Report	ORNL	11/79	U.S.A.	All	All
	Ecological Maps from SEAS Data	ORNL	09/79	U.S.A.	All	All
	Automatic Report Writer - SEAS	Aerospace Corp.	09/79	U.S.A.	All	Air Quality Water Quality Solid Waste Land Use
	A Coal Transport Environmental Residuals Model for SEAS	S.C. Morris W.A. Sevian M.A. Crowther	09/79	U.S.A.	Coal	General Public Safety
MTR-79W00256	Work Plan for SEAS 8 Development	K.K. Rebibo M.A. Hand	08/79	U.S.A.	All	General
	SEAS Development Plan	R.H. Ball	07/79	U.S.A.	All	General

Environmental Impacts Division

Development of Improved Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	Assessment of Endangered Species--Energy Development Conflicts Development	C. Calef J. Nagy	11/79	U.S.A.	All	
	U.S. Endangered Species Distribution File		10/79			
	Health Aspects of Nuclear Fuel and Waste Transport	S.C. Morris	03/79	U.S.A.	Nuclear Fuels	Occupational Safety General Public Safety
	Solid Waste Model Report	M.A. Crowther	09/79	U.S.A.	Coal	Solid Waste
	Energy Competition for Water in Potential Water Availability Problem Basins: Water-Use Patterns, Costs of Water, and Conceptual Allocation Model	A.D. Shepherd	11/79	U.S.A.		Water Availability
	Water Supply Demand in Large Scale Optimization Model of Energy Supply	D. Abbey V. Loose	03/79	West		Water Quality Resource Use
	User and Programmer Guide: Water Quality Model	T. Piwowar (CONSAD)	07/79	U.S.A.	All	Water Quality
PNL-RAP-37 UC-11.	The Development of a National Interregional Transport Matrix for Respirable Particulates	W.J. Eadie W.E. Davis	10/79	U.S.A.	All	Air Quality
PUB 261	Socio-Economic-Environmental-Demographic Information System	LBL	11/79	U.S.A.	All	All

BEST DOCUMENT AVAILABLE

REGIONAL ASSESSMENTS DIVISION

Page No.

A. REGIONAL ISSUES IDENTIFICATION AND ASSESSMENTS 43

B. SPECIAL REGIONAL ISSUE REPORTS 44

BEST DOCUMENT AVAILABLE

BLANK PAGE

BEST DOCUMENT AVAILABLE

Regional Assessments Division

Regional Issues Identification and Assessments

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/EV-T-1	Regional Issues Identification & Assessment RIIA I, Volume I	S. Ballou (ANL), et. al.	09/79	U.S.A.	All	All
DOE/EV-0063	RIIA I - Volume II	S. Ballou, et. al.	09/79	U.S.A.	All	All
	RIIA II	BNL	04/80	U.S.A.	All	All
PNL-RAP-36	Regional Assessment Program - Regional Issue Identification and Assessment (RIIA): Volume I - An Analysis of the Treadlong Mid Scenario for Federal Region 10	G.L. Wilfert, et. al.	07/79	Northwest Alaska	Fossil Fuels Coal Oil and Gas Hydroelectric Geothermal	Air Quality Water Quality Solid Waste Land Use Occupational Safety Ecology

Regional Assessments Division

Special Regional Issue Reports

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
DOE/TIC-10114/3	Regional Data Book - Northeast	J.S. Munson R. Stern	12/78	Northeast	All	Resource for Data and Program Development
DOE/TIC-10114/4	Regional Data Book - South	E.D. Copenhaver R.J. Olson P.L. Rice	12/78	South	All	Resource for Data and Program Development
DOE/TIC-10114/6	Regional Data Book - Midwest	S.G. Barisas S.W. Ballou	12/78	Midwest	All	Resource for Data and Program Development
DOE/TIC-10114/1	Regional Data Book - Rocky Mountains	J. Freiwald C. Olinger A. Martinez M. Yeamans P. Aragon	12/78	Rocky Mountains	All	Resource for Data and Program Development
DOE/TIC-10114/2	Regional Data Book - West	H. Ruderman, et. al.	12/78	West	All	Resource for Data and Program Development
DOE/TIC-10114/5	Regional Data Book - Northwest	P. Wilfert H. McCartney L. Frantzis	12/78	Northwest	All	Resource for Data and Program Development

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Regional Assessments Division

Special Regional Issue Reports

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
B-HARC-411-045	Literature Survey Identifying Community Response to Energy Development	C. Cluett M. Greene L. Radford	10/79	U.S.A.	Fossil Fuels	Community Response Issues
PNL-RAP-35	Evaluation of Environmental Impacts of Outer Continental Shelf Petroleum Development in the Pacific Northwest and Alaska	P.J. Mellinger, et. al.	06/79	Northwest Alaska Continental Shelf	Oil and Gas	All
PNL-RAP-32	An Analysis of the Tradeoff Between Irrigated Agriculture and Hydroelectric Power in the Pacific Northwest	A.D. Davie	01/79	Northwest Alaska	Hydroelectric	Water Quality Land Use Water Use
	Energy/Environmental Data Study	USR&E/LASL	10/79	U.S.A.	All	Air Quality Water Quality Solid Waste Toxic Substances Land Use General Public Safety
	Coal Gasification Demonstration Project	G.R. Watkins	04/79	Central States	Fossil Fuels Coal	Water Quality Solid Waste Land Use Water Supply

Regional Assessments Division

Special Regional Issue Reports

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
PNL-RAP-29	Beluga Coal Field Development - Social Effects and Management Activities	M. Olsen, et. al.	05/79	Alaska	Coal	All
PNL-RAP-26	Long-Range Transport of Sulfur in the Western United States	W.F. Sandusky, et. al.	01/79	Northwest Alaska	Coal	Air Quality Water Quality
	Non-Conventional Technologies for Municipal Utilities in Small Communities	S. Besman J. Besnier S. Chaewsky	10/80	U.S.A.	Solar Biomass Wind Conservation	Water Quality Solid Waste
ORNL/TM-5893	Interactive Program for Low-Flow Frequency Analysis Regional Study	J.R. Hyndman D.D. Huff	08/78	U.S.A.	All	Water Quantity
	Forecasting, Monitoring, Management of Social and Economic Impacts of Energy Development	PNL	09/79	U.S.A.	All	All
	Mitigation Strategy Evaluation Factbook of Laws, Regulations, & Case Studies	M.R. Alford I. Reiff S. Weinstein R. Fentress	05/79	U.S.A.	All	Air Quality Water Quality Solid Waste Land Use Noise Radiation

BEST DOCUMENT AVAILABLE

Office of Environmental Assessments
Inventory of Reports

BEST DOCUMENT AVAILABLE

Regional Assessments Division

Special Regional Issue Reports

Reference Number	Title	Author	Date	Region	Energy Technology	Environmental Issue
	Water Assessment for Hever Geothermal Binary Demonstration Project, Imperial Co., Ca.	Bookman-Edmonston Engineers	Undated	California	Geothermal	Water Quality Land Use Water Supply
	Synfuels in the Ohio River Basin	Ohio River Basin Commission	01/80	Midwest Ohio River	Fossil Fuels	Water Quality Solid Waste Toxic Substances Land Use
	Water Availability Assessment for Coal Technology Requirements in the Upper Missouri Basin	Missouri River Basin Commission	12/78	West Yellowstone River	Coal	Water Quality Solid Waste Toxic Substances Land Use
	Water Assessment for Great Plains Gasification Associates Project	Missouri River Basin Commission	12/80	North Central States Missouri River	Coal	Air Quality Water Quality Solid Waste Toxic Substances Land Use
	Water Assessment for Monongahela Synfuel Plant	Ohio River Basin G.C. White	05/80	Mid-Atlantic States Monongahela River	Coal	Water Quality Solid Waste Land Use Water Supply
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado Basin	Colorado Department of Natural Resources	10/79	Southwest Colorado River	Coal Oil Shale and Tar Sands	Water Quality Solid Waste Toxic Substances Land Use

BLANK PAGE

INVENTORY OF REPORTS
BY
ISSUE

	Page No.
Energy Technology	51
Environmental Issues	75
Geographic Region	113

BEST DOCUMENT AVAILABLE

BLANK PAGE

ENERGY TECHNOLOGY

TECHNOLOGY ... Page No.

ALL ... 53

FOSSIL FUELS ... 56

COAL ... 58

OIL SHALES AND TAR SANDS ... 62

OIL AND GAS ... 63

NUCLEAR FUELS ... 64

NUCLEAR FISSION ... 66

NUCLEAR FUSION ... 67

HYDROELECTRIC ... 68

GEOTHERMAL ... 69

SOLAR ... 70

OCEAN THERMAL ... 71

BIOMASS ... 72

WIND ... 73

CONSERVATION ... 74

BEST DOCUMENT AVAILABLE

BLANK PAGE

ENERGY TECHNOLOGY

ALL

Reference Number	Title	Division
DOE/EDP-0040	Energy Storage Systems	T A D
DOE/EV-0072	Technology Characterizations/Environmental Information Handbook	T A D
MTR-79W00284	Annual Environmental Analysis Report II	E I D
HCP/P-6119	National Environmental Impact Program (NEIP) I	E I D
	National Environmental Impact Program (NEIP) II	E I D
	Methodologies for Intregrated Environmental Impact Analysis	E I D
	National Energy Supply Strategy Initiatives Analysis	E I D
	Environmental Research Priorities for Energy in the 1980's	E I D
ANL/AA-15	Proceedings of the National Ecological Assessment Workshop	E I D
DOE/EV-0098	Proceedings of the Workshop on National/Regional Energy-Environmental Modelling Concepts	E I D
DOE/EV-0098	Integrated Assessments for Energy Related Environmental Standards -- A Workshop of Environmental Impacts	E I D
BNL-26185-R1	A Long Range Transport Model for Calculating the Atmospheric Impacts of Residual Sulfur Oxides	E I D
DOE/EV-01682	Leading Trends in Environmental Regulation That Affect Energy Development	E I D
	A Suggested Bibliography for a Compendium of State-of-the-Art Risk Assessment	E I D

BEST DOCUMENT AVAILABLE

ENERGY TECHNOLOGY

ALL (cont.)

Reference Number	Title	Division
	- Assesssment of Endangered Species -- Energy Development Conflicts Development, Nov. 79 - U.S. Endangered Species Distribution File October, 1979	E I D
	User and Programmeer Guide: Water Quality Model	E I D
PNL-RAP-37 UC-11	The Development of a National Interregional Transport Matrix for Respirable Particulates	E I D
	Use of SEEDIS by DOE/OTI	E I D
ORNL 5513	Annual Progress Report -- Energy Division -- Period Ending September 30, 1978	E I D
	Automatic Report Writer -- SEAS	E I D
MTR-79W00256	Work Plan for SEAS 8 Development	E I D
	SEAS Development Plan	E I D
DOE/EV-T-1	Regional Issues Identification & Assessment RIIA I, Volume I	R A D
DOE/EV-0063	- RIIA I -- Volume II - RIIA II	R A D
DOE/TIC-10114/3	Regional Data Book -- Northeast	R A D
DOE/TIC-10114/4	Regional Data Book -- South	R A D
DOE/TIC-10114/6	Regional Data Book -- Midwest	R A D
DOE/TIC-10114/1	Regional Data Book -- Rocky Mountains	R A D
DOE/TIC-10114/2	Regional Data Book -- West	R A D
DOE/TIC-10114/5	Regional Data Book -- Northwest	R A D
	Energy/Environmental Data Study	R A D

ENERGY TECHNOLOGY

ALL (cont.)

Reference Number	Title	Division
	Water Quality Non-Degradation	P A D
	Approach to Exhibit Energy-Related Environmental Safety and Health Impacts Risk Analysis	P A D
DOE/EV/10274-1	The Potential of Mediation for Resolving Environmental Disputes Related to Energy Facilities	P A D
DOE/EV/10274-9	The Application of Interstate Compacts to Energy Facility Siting	P A D
	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	P A D
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	P A D
	Industrial Sector Energy Use: Analysis of Energy-Environmental Issues	P A D
	Comparison of Energy Demand Projections	P A D
	Effects of Energy Development and Production on Agricultural Water Requirements	P A D
	SEAS Reference System	P A D

ENERGY TECHNOLOGY

FOSSIL FUELS (General)

Reference Number	Title	Division
DOE/EDP-0046	Fossil Fuel Utilization Program	T A D
DOE/ERD-0025	Coal Extraction and Preparation Technology	T A D
	Industry Energy Use Report	T A D
	Industry Assessment Report	T A D
DOE/EV-0069	Comparative Assessment of Health and Safety Impacts of Coal Use	T A D
	Review of State Implementation Plans for Non-Attainment Areas	E I D
PNL-RAP-36	Regional Assessment Program -- Regional Issue Identification and Assessment (RIIA): Volume I -- An Analysis of the Treadlong Mid Scenario for Federal Region 10	T A D
B-HARC-411-045	Literature Survey Identifying Community Response to Energy Development	R A D
	Coal Gasification Demonstration Project	R A D
	Synfuels in the Ohio River Basin	R A D
	Water Quality Issues and Western Energy Development: An Overview	P A D
	Cross-Media Impacts on Water Quality	P A D
DOE/EV/10287	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	P A D
DOE/EV/0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
DOE/EV/10286-3	Federal and State Environmental Regulatory Requirements Impacting Synfuels Development	P A D
DOE/EV/10023	Impact of State Environmental Laws and Regulations on Emerging Energy Technologies	P A D

ENERGY TECHNOLOGY

FOSSIL FUELS (General) (cont.)

Reference Number	Title	Division
	Energy-Related Land and Water Use Projections	P A D
DOE/EV-2037-2	Coal-Based Synfuels v.s. Direct Combustion Facilities: Potential Competition for Preferred Sites	P A D
DOE/EV-0050-2	Issues Concerning the Light-Duty Diesel: An Update	P A D
	Proposed Revisions to the TECHNET Model	P A D
	Locational Analysis Procedures	P A D
	Feasible Sites for Electric Utilities	P A D

ENERGY TECHNOLOGY

COAL

Reference Number	Title	Division
DOE/EDP-0047	Underground Coal Gasification	T A D
DOE/ERD-0012	Coal Gasification/Commercialization -- Phase II Planning	T A D
DOE/ERD-0015	Coal Liquefaction	T A D
DOE/ERD-0023	Coal/Oil Mixtures	T A D
TID-29425	National Coal Utilization Assessment Report (NCUA) -- Volumes I & II	T A D
	Mitigating Impacts of Increased Coal Utilization in the Northeast: Postscript of National Coal Utilization Assessment	T A D
	Alaska Studies -- Coal Related Air Studies	T A D
	Options for Achieving Increased Coal Consumption -- Removing Socioeconomic Constraints	T A D
	Disposal and Utilization Options for Easing Constraints on Coal Due to Solid Waste Issues	T A D
	Easing Water Constraints Due to Increased Coal Usage -- Energy Development and Water Options for the Yellowstone River Basin	T A D
	Coal Technology Issues Report on Water Availability	T A D
ANL/EES-TM-80	Industrial Boilers New Source Performance Standards	T A D
	Liquefaction Technology Assessment: Costs Versus Stringency of Environmental Parameters	T A D
DOE/EV-0073	Environmental Data -- Energy Technology Characterizations -- Synthetic Fuels	T A D
DOE/EV-0074	Environmental Data -- Energy Technology Characterizations -- Coal	T A D

ENERGY TECHNOLOGY

COAL (cont.)

Reference Number	Title	Division
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis -- Volume I -- Summary	E I D
	Impacts of the Toxic Substances Control Act on Energy Industries	E I D
	Applications of the National Ecological Data Base Project Activities for FY 1979	E I D
	Solid Waste Model Report	E I D
	A Coal Transport Environmental Residuals Model for SEAS	E I D
PNL-RAP-36	Regional Assessment Program -- Regional Issue Identification and Assessment (RIIA): Volume II -- An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D
PNL-RAP-29	Beluga Coal Field Development -- Social Effects and Management Activities	R A D
PNL-RAP-26	Long Range Transport of Sulfur in the Western United States	R A D
	Coal Gasification Demonstration Project	R A D
	Water Availability Assessment for Coal Technology Requirements in the Upper Missouri Basin	R A D
	Water Assessment for Great Plains Gasification Associates Project	R A D
	Water Assessment for Mongahela Synfuel Plant	R A D
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado River Basin	R A D

ENERGY TECHNOLOGY

COAL (cont.)

Reference Number	Title	Division
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
79W00084	Review of Current Research Activities Bearing on Carcinogenic Effects of Coal Liquefaction	P A D
DOE/EV/10287	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	P A D
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
80W00448	Aquifer Preservation in Coal Development Areas	P A D
	Coal Impacts Report	P A D
4238-649	Analysis of BLM Federal Coal Leasing Program: Criteria for Designating Lands Unsuitable for Mining	P A D
DOE/EV-01527	The Impact of Coal Mining on Prime Agricultural Lands	P A D
	Review of Cost of Compliance with Selected Regulations in the Proposed Surface Coal Mining Regulation Program	P A D
	An Anlysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	P A D
	The Impact of RCRA on Coal Liquefaction Wastes	P A D
	The Impact of RCRA on Coal Gasification Wastes	P A D
	Regulatory Delay	P A D

ENERGY TECHNOLOGY

COAL (cont.)

Reference Number	Title	Division
	Changing Supply Mix in a State Heavily Reliant on Gas and Oil for Electric Power Generation	P A D
	The Need for Power Issue in the Context of Recent State Powerplant Siting Legislation	P A D
	Preliminary List of Environmental Issues Related to Energy Transportation	P A D
	Issues Associated with Coal Slurry Pipeline Development	P A D
	Intermodal Comparison of Environmental Impacts of Coal Transportation Impacts	P A D

ENERGY TECHNOLOGY

OIL SHALES AND TAR SANDS

Reference Number	Title	Division
DOE/EDP-0051	Oil Shale	T A D
16600-028-001	Environmental Regulatory Constraints Affecting Oil Shale Facility Siting and Operation: Perceptions of Industry and Potential Roles for the Energy Mobilization Board	P A D
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes	T A D
DOE/EV-0073	Environmental Data -- Energy Technology Characterizations -- Synthetic Fuels	T A D
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis -- Volume I -- Summary	E I D
	Impacts of the Toxic Substances Control Act on Energy Industries	E I D
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes -- Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry -- Volume I, An Engineering Analysis	E I D
	Volume II (of above) -- A Subjective Self-Assessment of Uncertainty in the Predicted Costs	E I D
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado River Basin	R A D
	Water Quality Issues and Western Energy Development: An Overview	P A D
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
DOE/EV/10827	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	P A D
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D

ENERGY TECHNOLOGY

OIL AND GAS

Reference Number	Title	Division
DOE/EDP-0042	Light-Duty Diesel Vehicles	T A D
DOE/EDP-0048	Enhanced Oil Recovery	T A D
DOE/EDP-0049	Unconventional Gas Recovery	T A D
DOE/ERD-0023	Coal/Oil Mixtures	T A D
DOE/EV-0071	A Technology Assessment of Productive Conservation in Urban Transportation -- Project Description	T A D
DOE/EV-0075	Environmental Data -- Energy Technology Characterizations -- Petroleum	T A D
DOE/EV-0076	Environmental Data -- Energy Technology Characterizations -- Natural Gas	T A D
PNL-RAP-36	Regional Assessment Program -- Regional Issue Identification and Assessment (RIIA): Volume I -- An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D
PNL-RAP--35	Evaluation of Environmental Impacts of Outer Continental Shelf Petroleum Development in the Pacific Northwest and Alaska	R A D
	The Impact of RCRA on Coal Liquefaction Wastes	P A D
	The Impact of RCRA on Coal Gasification Wastes	P A D
DOE/EV-0050-1	Issues Concerning the Light-Duty Diesel	P A D

ENERGY TECHNOLOGY

NUCLEAR FUELS (General)

Reference Number	Title	Division
DOE/EDP-0055	Decontamination and Decommissioning	T A D
DOE/EDP-0056	Special Nuclear Materials Production	T A D
DOE/EDP-0057	Space Applications	T A D
DOE/EDP-0058	Uranium Mining, Milling and Conversion	T A D
DOE/EDP-0059	Uranium Enrichment	T A D
DOE/EDP-0060	Nuclear Materials Transportation	T A D
DOE/EDP-0061	Advanced Isotope Separation	T A D
DOE/EDP-0063	Commercial Waste Management	T A D
DOE/EDP-0064	Defense Waste Management	T A D
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	T A D
ORNL/TM-6812	Survey of Knowledge of Hazards of Chemicals Potentially Associated with the Advanced Isotope Separation (AIS) Processes	T A D
DOE/EV-0061/2	Environmental Data -- Energy Technology Characterizations -- Nuclear Fuel	T A D
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis -- Volume I -- Summary	E I D
	Health Aspects of Nuclear Fuel and Waste Transport	E I D

ENERGY TECHNOLOGY

NUCLEAR FUELS (General) (cont.)

Reference Number	Title	Division
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	P A D
	Impacts of the Toxic Substance Control Act on DOE Nuclear Programs	P A D
	Review of Radiation Studies and Regulations	P A D
	Radiation Issues	P A D
	Radiation Risk Analysis	P A D
SAND 79-1759	Survey of Indian Issues in the State of New Mexico Relating to Uranium Mining and Milling	P A D

ENERGY TECHNOLOGY

NUCLEAR FISSION

Reference Number	Title	Division
DOE/EDP-0056	Special Nuclear Materials Production	T A D
DOE/EDP-0058	Uranium Mining, Milling and Conversion	T A D
DOE/EDP-0059	Uranium Enrichment	T A D
DOE/EDP-0060	Nuclear Materials Transportation	T A D
DOE/EDP-0061	Advanced Isotope Separation	T A D
DOE/EDP-0063	Commercial Waste Management	T A D
DOE/EDP-0064	Defense Waste Management	T A D
DOE/EV-0061/2	Environmental Data -- Energy Technology Characterizations -- Nuclear Fuel	T A D
	Limits for the Burial of the Department of Energy Transuranic Wastes	P A D
PNL-3300	Pacific Northwest Laboratory Annual Report for 1979 to the Department of Energy Assistant Secretary for Environment-Part V-Environmental Assessments, Control, Health and Safety	P A D
	Impacts of the Toxic Substance Control Act on DOE Nuclear Programs	P A D
	Environmental Issues Briefing Book - Radiation Inserts	P A D

ENERGY TECHNOLOGY

NUCLEAR FUSION

Reference Number	Title	Divsion
DOE/EDP-0052	Magnetic Fusion	T A D
DOE/EDP-0060	Nuclear Materials Transportation	T A D
DOE/EV-0061/2	Environmental Data -- Energy Technology Characterizations -- Nuclear Fuel	T A D

ENERGY TECHNOLOGY

HYDROELECTRIC

Reference Number	Title	Division
	Industry Energy Use Report	T A D
	Industry Assessment Report	T A D
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis-- Volume I - Summary	E I D
PNL-RAP-36	Regional Assessment Program -- Regional Issue Identification and Assessment (RIIA): Volume I - An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D
PNL-RAP-32	An Analysis of the Tradeoff Between Irrigated Agriculture and Hydroelectric Power in the Pacific Northwest	R A D

ENERGY TECHNOLOGY

GEOTHERMAL

Reference Number	Title	Division
DOE/EDP-0036	Geothermal Energy Systems	T A D
DOE/EDP-0049	Unconventional Gas Recovery	T A D
UCRL-52797	The Potential Air Quality Impact of Geothermal Power Production in the Imperial Valley	T A D
UCRL-52699	Imperial Valley Environmental Project -- Air Quality Assessment	T A D
UCRL-82871	Water-Related Impacts of Geothermal Developments in California's Imperial Valley	T A D
UCRL-52783	Geothermal Environmental Projects Publication List with Abstracts: 1975 through 1978	T A D
	Forecasting the Impacts of Pollutants on Plant Growth with Computer Simulations -- A Case Study	T A D
	IVEP Geothermal Integrated Assessment Report	T A D
UCRL-52763	Social and Economic Research Program for the Geysers -- Calistoga known Geothermal Resource Area	T A D
DOE/EV-0077	Environmental Data -- Energy Technology Characterizations -- Geothermal	T A D
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis -- Volume I -- Summary	E I D
PNL-RAP-36	Regional Assessment Program -- Regional Issue Identification and Assessment (RIIA): Volume I -- An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D

ENERGY TECHNOLOGY

SOLAR

Reference Number	Title	Division
DOE/EDP-0029	Solar Heating and Cooling of Buildings	T A D
DOE/EDP-0031	Photovoltaics	T A D
DOE/EDP-0033	Solar Agricultural and Industrial Process Heat	T A D
DOE/EDP-0035	Solar Thermal Power Systems	T A D
DOE/ERD-0018	Solar Heating and Cooling of Buildings	T A D
DOE/ERD-0019	Solar Thermal Power Systems	T A D
DOE/ERD-0025	Solar Agricultural and Industrial Process Heat	T A D
	Industry Energy Use Report	T A D
	Industry Assessment Report	T A D
DOE/EV-0099	Technology Assessment of Solar Energy - Characterication Summary	T A D
DOE/EV-0059	Technology Assessment of Solar Energy - Solar/Community Impacts	T A D
DOE/EV-0052	Technology Assessment of Solar Energy - Three Solar Urban Futures	T A D
DOE/EV-0067	Technology Assessment of Solar Energy - Land use and Environmental Impacts of Decentralized Solar Energy Use	T A D
	Solar Impacts of Long Range Transport of Particulates	T A D
	Solar Impacts of Long Range Transport of Sulfates	T A D
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis -- Volume I -- Summary	E I D
	Non-Conventionall Technologies for Municipal Utilities in Small Communities	R A D

ENERGY TECHNOLOGY

OCEAN THERMAL

Reference Number	Title	Division
DOE/EDP-0034	Ocean Thermal Energy Conversion	T A D
DOE/ERD-0020	Ocean Thermal Energy Conversion	T A D

ENERGY TECHNOLOGY

BIOMASS

Reference Number	Title	Division
DOE/EDP-0032	Biomass Energy Systems	T A D
DOE/ERD-0026	Wood Combustion	T A D
	Industry Energy Use Report	T A D
	Industry Assessment Report	T A D
	Non-Conventional Technologies for Municipal Utilities in Small Communities	R A D

ENERGY TECHNOLOGY

WIND

Reference Number	Title	Division
DOE/EDP-0030	Wind Energy Conversion	T A D
DOE/EV-0059	Technology Assessment of Solar Energy - Solar/Community Impacts	T A D
	Non-Conventional Technologies for Municipal Utilities in Small Communities	R A D

ENERGY TECHNOLOGY

CONSERVATION

Reference Number	Title	Division
DOE/EDP-0037	Transportation Programs	T A D
DPE/EDP-0038	Electric Energy Systems	T A D
DOE/EDP-0039	Industrial Programs	T A D
DPE/EDP-0041	Buildings and Community Systems	T A D
DOE/EDP-0042	Light-Duty Diesel Vehicles	T A D
	Industry Assessment Report	T A D
BNL 51046	Ranking Energy Conservation Measures to Establish Research Priorities: Synopsis of a Workshop	T A D
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	T A D
	Standby Energy Conservation Plan No. 2 -- Building Temperature Restrictions Plan	E I D
	Non-Conventional Technologies for Municipal Utilities in Small Communities	R A D

ENVIRONMENTAL ISSUE

ISSUE Page No.
AIR QUALITY 77
WATER QUALITY 82
SOLID WASTE 87
TOXIC SUBSTANCES 91
MATERIALS TRANSPORT 94
LAND USE 95
OCCUPATIONAL SAFETY 99
GENERAL PUBLIC SAFETY 100
WELFARE IMPACTS 102
NOISE 103
WATER AVAILABILITY 104
WATER QUANTITY 105
STATE REGULATIONS 106
SMCRA 107
RISK ANALYSIS 108
MEDIATION OF DISPUTES 109
ALL 110

BLANK PAGE

ENVIRONMENTAL ISSUES

AIR QUALITY

Reference Number	Title	Division
DOE/EDP-0063	Commercial Waste Management	T A D
DOE/EDP-0064	Defense Waste Management	T A D
DOE/ERD-0023	Coal/Oil Mixtures	T A D
TID-29425	National Coal Utilization Assessment Report (NCUA)--Volumes I & II	T A D
	Mitigating Impacts of Increased Coal Utilization in the Northeast: Postscript of National Coal Utilization Assessment	T A D
	Alaska Studies- Coal Related Air Studies	T A D
	Industrial Boilers New Source Performance Standards	T A D
UCRL-52797	The Potential Air Quality Impact of Geothermal Power Production in the Imperial Valley	T A D
UCRL-52699	Imperial Valley Environmental Project - Air Quality Assessment	T A D
UCRL-82871	Water-Related Impacts of Geothermal Developments in California's Imperial Valley	T A D
UCRL-52783	Geothermal Environmental Projects Publication List with Abstracts 1975 through 1978	T A D
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	T A D
BNL 51046	Ranking Energy Conservation Measures to Establish Research Priorities: Synposis of a Workshop	T A D

ENVIRONMENTAL ISSUES

AIR QUALITY (cont.)

Reference Number	Title	Division
	Solar Impacts of Long Range Transport of Particulates	T A D
	Solar Impacts and Long Range Transport of Sulfates	T A D
DOE/EV-0092	IVEP Geothermal Integrated Assessment Report	T A D
BNL-51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	T A D
MTR-79W00284	Annual Environmental Analysis Report II	E I D
HCP/P-6119	National Environmental Impact Program (NEIP) I	E I D
	National Environmental Impact Program (NEIP) II	E I D
	Standby Energy Conservation Plan #2 Building Temperature Restrictions Plan	E I D
	National Energy Supply Strategy Initiatives Analysis	E I D
	Environmental Research Priorities for Energy in the 1980's	E I D
	Proceedings of the Workshop on National/Regional Energy - Environment Modelling Concepts	E I D
	Integrated Assessment for Energy Related Environment Standards -- A Workshop of Environmental Impact	E I D

ENVIRONMENTAL ISSUES

AIR QUALITY (con.t)

Reference Number	Title	Division
	Applications of the National Ecological Data Base Project Activities for FY 1979	E I D
BNL-26185-R1	A Long Range Transport Model for Calculating the Atmospheric Impacts of Residual Sulfur Oxides	E I D
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes--Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry - Volume I, An Engineering Analysis	E I D
	Volume II (of above) - A Subjective Self-Assessment of Uncertainity in the Predicted Costs	E I D
	Review of State Implementation Plans for Non-attainment Areas	E I D
DOE/EV-01682	Leading Trends in Environmental Regulation that Affect Energy Development	E I D
PNL-RAP-37 UC-11	The Development of a National Interregional Transport Matrix for Respirable Particulates	E I D
ORNL 5513	Annual Progress Report - Energy Division - Period Ending September 30, 1978	E I D
	Automatic Report Writer - SEAS	E I D
PNL-RAP-36	Regional Assessment Program - Regional Issue Identification and Assessment (RIIA): Volume I - An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D
PNL-RAP-26	Long-Range Transport of Sulfur in Western United States	R A D

ENVIRONMENTAL ISSUES

AIR QUALITY (cont.)

Reference Number	Title	Division
	Mitigation Strategy Evaluation Factbook of Laws, Regulations and Case Studies	R A D
	Energy/Environment Data Study	R A D
	Water Assessment for Great Plains Gasification Associates Project	R A D
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas in the Electric Utility Sector	P A D
	Locational Analysis Procedures	P A D
	SEAS Reference System	P A D
	Feasible Sites for Electric Utilities	P A D
DOE/EV/10287	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	P A D
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
DOE/EV-0023	Impact of State Environmental Laws and Regualtions on Emerging Energy Technologies	P A D
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	P A D
DOE/EV-0050-1	Issues Concerning the Light-Duty Diesel	P A D
DOE/EV-0050-2	Issues Concerning the Light-Duty Diesel: An Update	P A D

ENVIRONMENTAL ISSUES

AIR QUALITY (cont.)

Reference Number	Title	Division
	Coal Impacts Report	P A D
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	P A D

ENVIRONMENTAL ISSUES

WATER QUALITY

Reference Number	Title	Division
DOE/EDP-0063	Commercial Waste Management	T A D
DOE/EDP-0064	Defense Waste Management	T A D
DOE/ERD-0023	Coal/Oil Mixtures	T A D
TID-29245	National Coal Utilization Assessment Report (NCUA)--Volumes I & II	T A D
	Mitigating Impacts of Increased Coal Utilization in the Northeast: Postscript of National Coal Utilization Assessment	T A D
ANL/EES-TM-70	Water Laws in Eleven Mid-Western States: Summary Tables	T A D
UCRL-52783	Geothermal Environmental Projects Publication List with Abstracts: 1975 through 1978	T A D
ORNL 5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	T A D
BNL 51046	Ranking Energy Conservation Measures to Establish Research Priorities: Synopsis of a Workshop	T A D
DOE/EV-0092	IVEP Geothermal Integrated Assessment Report	T A D
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	T A D
MTR-79W00284	Annual Environmental Analysis Report II	E I D

ENVIRONMENTAL ISSUES

WATER QUALITY (cont.)

Reference Number	Title	Division
HCP/P-6119	National Environmental Impact Program (NEIP) I	E I D
	National Energy Supply Strategy Initiatives Analysis	E I D
ANL/AA-15	Proceedings of the National Ecological Assessment Workshop	E I D
DOE/EV-0098	Proceedings of the Workshop on National/Regional Energy - Environment Modelling Concepts	E I D
DOE/EV-0098	Integrated Assessment for Energy Related Environment Standards - A Workshop of Environmental Impacts	E I D
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes -- Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry - Volume I, An Engineering Analysis	E I D
	Volume II (of above) - A Subjective Self- Assessment of Uncertainity in the Predicted Costs	E I D
DOE/EV-01682	Leading trends in Environmental Regulation that Affect Energy Development	E I D
	Water Supply Demand in Large Scale Optimization Model of Energy Supply	E I D
	User and Programmer Guide: Water Quality Model	E I D
ORNL 5513	Annual Progress Report - Energy Division - Period Ending September 30, 1978	E I D
	Automatic Report Writer - SEAS	E I D

ENVIRONMENTAL ISSUES

WATER QUALITY (cont.)

Reference Number	Title	Division
PNL-RAP-36	Regional Assessment Program - Regional Issue Identification and Assessment (RIIA): Volume I - An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D
PNL-RAP-26	Long Range Transport of Sulfur in the Western United States	R A D
	Mitigation Strategy Evaluation Factbook of Laws, Regulations and Case Studies	R A D
PNL-RAP-32	An Anlysis of the Tradeoff Between Irrigated Agriculture and Hydroelectric Power in the Pacific Northwest	R A D
	Coal Gasification Demonstration Project	R A D
	Water Assessment for Heber Geothermal Binary Demonstration Project, Imperial Co., Ca.	R A D
	Synfuel in the Ohio River Basin	R A D
	Water Availability Assessment for Coal Technology Requirements in the Upper Missouri Basin	R A D
	Water Assessment for Great Plains Gasification Associates Project	R A D
	Water Assessment for Monongahela Synfuel Plant	R A D
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado Basin	R A D
	Water Quality Issues and Western Energy Development: An Overview	P A D

ENVIRONMENTAL ISSUES

WATER QUALITY (cont.)

Reference Number	Title	Division
	Water Quality Non-Degradation	P A D
	Cross-Media Impacts on Water Quality	P A D
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
	Energy-Related Land and Water Use Projections	P A D
80W00448	Aquifer Preservation in Coal Development Areas	P A D
	Coal Impacts Report	P A D
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	P A D
	Issues Associated with Coal Slurry Pipeline Development	P A D
DOE/EV/01528-T1	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	P A D
DOE/EV/10287	Environmentally-Based Siting Assessment for Sythetic Liquid Fuels Facilities	P A D
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
DOE/EV 10023	Impact of State Environmental Laws and Regulations on Emerging Energy Technologies	P A D
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	P A D
	Effects of Energy Development and Production on Agricultural Water Requirements	P A D

ENVIRONMENTAL ISSUES

WATER QUALITY (cont.)

Reference Number	Title	Division
	Locational Analysis Procedures	P A D
	SEAS Reference System	P A D
	Feasible Sites for Electric Utilities	P A D

ENVIRONMENTAL ISSUES

SOLID WASTE

Reference Number	Title	Division
DOE/EDP-0063	Commercial Waste Management	T A D
DOE/EDP-0064	Defense Waste Management	T A D
TID-29145	National Coal Utilization Assessment Report (NCUA) -- Volumes I & II	T A D
	Mitigating Impact of Increased Coal Utilization in the Northeast: Postscript of National Coal Utilization Assessment	T A D
	Disposal and Utilization Options for Easing Constraints on Coal Due to Solid Waste Issues	T A D
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	T A D
DOE/EV-0092	IVEP Geothermal Integrated Assessment Report	T A D
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	T A D
MTR-79W00284	Annual Environmental Analysis Report II	E I D
HCP/P-6119	National Environmental Impact Program (NEIP) I	E I D
	National Environmental Impact Program (NEIP) II	E I D
	National Energy Supply Strategy Initiatives Analysis	E I D
	Environmental Research Priorities for Energy in the 1980's	E I D

ENVIRONMENTAL ISSUES

SOLID WASTE (cont.)

Reference Number	Title	Division
DOE/EV-0098	Proceedings of the Workshop on National/Regional Energy - Environment Modelling Concept	E I D
DOE/EV-0098	Integrated Assessment for Energy Related Environment Standards -- A Workshop of Environmental Impacts	E I D
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes -- Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry-Volume I, An Engineering Analysis	E I D
	Volume II (of above) - A Subjective Self-Assessment of Uncertainity in the Predicted Costs	E I D
DOE/EV-01682	Leading Trends in Environmental Regulations that Affect Energy Development	E I D
ORNL 5513	Annual Progress Report - Energy Division - Period Ending September 30, 1978	E I D
	Automatic Report Writer - SEAS	E I D
PNL-RAP-36	Regional Assessment Program - Regional Issue Identification and Assessment (RIIA): Volume I - An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D
	Non-Conventional Technologies for Municipal Utilities in Small Communities	R A D
	Mitigation Strategy Evaluation Factbook of Laws, Regulations and Case Study	R A D

ENVIRONMENTAL ISSUES

SOLID WASTE (cont.)

Reference Number	Title	Division
	Energy/Environment Data Study	R A D
	Coal Gasification Demonstration Project	R A D
	Synfuels in the Ohio River Basin	R A D
	Water Availability Assessment for Coal Technology Requirements in the Upper Missouri Basin	R A D
	Water Assessment for Great Plains Gasification Associates Project	R A D
	Water Assessment for Monongahela Synfuel Plant	R A D
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado Basin	R A D
	Limits for the Burial of the Department of Energy Transuranic Wastes	P A D
	Coal Impacts Report	P A D
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	P A D
	The Impact of RCRA on Coal Liquefaction Wastes	P A D
	The Impact of RCRA on Coal Gasification Wastes	P A D
	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	P A D

ENVIRONMENTAL ISSUES

SOLID WASTE (cont.)

Reference Number	Title	Division
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
DOE/EV 10023	Impact of State Environmental Laws and Regulations on Emerging Technologies	P A D
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	P A D
	Locational Analysis Procedures	P A D
	SEAS Reference System	P A D
	Feasible Sites for Electric Utilities	P A D

ENVIRONMENTAL ISSUES

TOXIC SUBSTANCES

Reference Number	Title	Division
TID-2945	National Coal Utilization Assessment Report (NCUA) - Volumes I & II	T A D
UCRL-52783	Geothermal Environmental Projects Publications List with Abstracts 1975 through 1978	T A D
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	T A D
ORNL/TM-6812	Survey of Knowledge of Hazards of Chemicals Potentially Associated with the Advanced Isotope Separation (AIS) Processes	T A D
MTR-79W00284	Annual Environmental Analysis Report II	E I D
HCP/P-6119	National Environmental Impact Program (NEIP) I	E I D
	National Energy Supply Strategy Initiatives Analysis	E I D
	Impacts of the Toxic Substances Control Act on Energy Industries	E I D
	Proceedings of the Workshop on National/Regional Energy - Environmental Modelling Concepts	E I D
	Integrated Assessments for Energy Related Environmental Standards -- A Workshop of Environmental Impacts	E I D
	Environmental Control Costs for Oil Shale Process-- Predicted Costs of Environmental Control for a Commercial Oil Shale Industry- Volume II - A Subjective Self-Assessment of Uncertainty in the Predicted Costs	E I D

ENVIRONMENTAL ISSUE

TOXIC SUBSTANCES (cont.)

Reference Number	Title	Division
DOE/EV-01682	Leading Trends in Environmental Regulation that Affect Energy Development	E I D
ORNL 5513	Annual Progress Report - Energy Division - Period Ending September 30, 1978	E I D
	Energy/Environment Data Study	R A D
	Synfuels in the Ohio River Basin	R A D
	Water Availability Assessment for Coal Technology Requirements in the Upper Missouri Basin	R A D
	Water Assessment for Great Plains Gasification Associates Project	R A D
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado Basin	R A D
DOE/EDP-0063	Commercial Waste Management	T A D
DOE/EDP-0064	Defense Waste Management	T A D
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	P A D
DOE/EV 10023	Impact of State Environmental Laws and Regulations on Emerging Energy Technologies	P A D
PNL-3300	Pacific Northwest Laboratory Annual Report for 1979 to the Department of Energy Assistant Secretary for Environment-Part V-Environmental Assessments, Control, Health and Safety	P A D
	Impacts of the Toxic Substance Control Act on DOE Nuclear Programs	P A D

ENVIRONMENTAL ISSUES

TOXIC SUBSTANCES (cont.)

Reference Number	Title	Division
	Coal Impacts Report	P A D
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	P A D
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
79W00084	Review of Current Research Activities Bearing on Carcinogenic Effects of Coal Liquefaction	P A D

ENVIRONMENTAL ISSUES

MATERIALS TRANSPORT

Reference Number	Title	Division
DOE/EDP-0060	Nuclear Materials Transportation	T A D
TID-29425	National Coal Utilization Assessment Report (NCUA) - Volumes I & II	T A D
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D

ENVIRONMENTAL ISSUES

LAND USE

Reference Number	Title	Division
DOE/EV-0052	Technology Assessment of Solar Energy-Three Solar Urban Futures	T A D
DOE/EV-0067	A Technolgy Assessment of Solar Energy Systems- Land Use and Environmental Impacts of Decentralized Solar Energy Use	T A D
DOE/EV-0092	IVEP Geothermal Integrated Assessment Report	T A D
UCRL-52763	Social and Economic Research Program for the Geyers - Calistoga Known Geothermal Resource Area	T A D
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	T A D
MTR-79W00284	Annual Environmental Analysis Report II	E I D
HCP/P-6119	National Environmental Impact Program (NEIP) I	E I D
	National Environmental Impact Program (NEPI) II	E I D
	National Energy Supply Strategy Initiatives Analysis	E I D
	Environmental Research Priorities for Energy in the 1980's	E I D
ANL/AA-15	Proceedings of the National Ecological Assessment Workshop	E I D

ENVIRONMENTAL ISSUES

LAND USE (cont.)

Reference Number	Title	Division
	Proceedings of the Workshop on National/Regional Energy- Environmental Modelling Concepts	E I D
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes--Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry- Volume I, An Engineering Analysis	E I D
	Automatic Report Writer - SEAS	E I D
	Mitigation Strategy Evaluation Factbook of Laws, Regulations, & Case Studies	R A D
PNL-RAP-32	An Analysis of the Tradeoff Between Irrigated Agriculture and Hydroelectric Power in the Pacific Northwest	R A D
	Energy/Environment Data Study	R A D
	Coal Gasification Demonstration Project	R A D
	Water Assessment for Heber Geothermal Binary Demonstration Project, Imperial Co., Ca.	R A D
	Synfuels in the Ohio River Basin	R A D
	Water Assessment for Great Plains Gasification Associates Project	R A D
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado Basin	R A D
PNL-RAP-36	Regional Assessment Program - Regional Issue Identification and Assessment (RIIA) Volume I - An Analysis of the Trendlong Mid Scenario for Federal Region 10	R A D

ENVIRONMENTAL ISSUES

LAND USE (cont.)

Reference Number	Title	Division
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	P A D
DOE/EV/10287	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	P A D
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
16600-028-001	Environmental Regulatory Constraints Affecting Oil Shale Facility Siting and Operation: Preceptions of Industry and Potential Roles for the Energy Mobilization Board	P A D
DOE/EV 10023	Impact of State Environmental Laws and Regulations on Emerging Energy Technologies	P A D
	Cross-Media Impacts on Water Quality	P A D
	Energy-Related Land and Water Use Projections	P A D
4238-649	Analysis of BLM Federal Coal Leasing Program: Criteria for Designating Lands Unsuitable for Mining	P A D
	The Impacts of Coal Mining on Prime Agricultural Lands	P A D
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	P A D
	Issues Associated with Coal Slurry Pipeline Development	P A D
DOE/EV-2037-1	Regulatory Delay	P A D

ENVIRONMENTAL ISSUES

LAND USE (cont.)

Reference Number	Title	Division
DOE/EV-2037-2	Coal-Based Synfuels v.s. Direct Combustion Facilities: Potential Competition for Preferred Sites	P A D
DOE/EV-2037-3	Changing Supply Mix in a State Heavily Reliant on Gas and Oil for Electric Power Generation	P A D
DOE/EV-2037-4	The Need for Power Issue in the Context of Recent State Powerplant Siting Legislation	P A D
DOE/EV/01528-T1	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	P A D

ENVIRONMENTAL ISSUE

OCCUPATIONAL SAFETY

Reference Number	Title	Division
DOE/EDP-0060	Nuclear Materials Transportation	T A D
TID-29425	National Coal Utilization Assessment Report (NCUA)-- Volumes I & II	T A D
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	T A D
ORNL/TM-6812	Survey of Knowledge of Chemicals Potentially Associated with the Advanced Isotope Separation (AIS) Processes	T A D
BNL 51046	Ranking Energy Conservation Measures to Establish Research Priorities: Synopsis of a Workshop	T A D
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
	Health Aspects of Nuclear Fuel and Water Transport	E I D
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
79W00084	Review of Current Research Activities Bearing on Carcinogenic Effects of Coal Liquefaction	P A D
	Approach to Exhibit Energy-Related Environmental Safety and Health Impacts Risk Analysis	P A D
DOE/EV-0087	Sythetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	P A D

ENVIRONMENTAL ISSUE

GENERAL PUBLIC SAFETY

Reference Number	Title	Division
DOE/EDP-0060	Nuclear Materials Transportation	T A D
TID-29425	National Coal Utilization Assessment Report (NCUA)-- Volumes I & II	T A D
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	T A D
ORNL/TM-6812	Survey of Knowledge of Hazards of Chemicals Potentially Associated with the Advanced Isotope Separation (AIS) Processes	T A D
BNL 51046	Ranking Energy Conservation Measures to Establish Research Priorities: Synopsis of a Workshop	T A D
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	T A D
	Health Aspects of Nuclear Fuel and Waste Transport	E I D
	A Coal Transport Environmental Residue Model for SEAS	E I D
	Energy/Environment Data Study	R A D
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	P A D
DOE/EV-0087	Synthetic Fuels and The Envirnoment: An Environmental and Regulatory Impacts Analysis	P A D
	Limits for the Burial of the Department of Energy Transuranic Wastes	P A D

ENVIRONMENTAL ISSUES

GENERAL PUBLIC SAFETY (cont.)

Reference Number	Title	Division
PNL-3300	Pacific Northwest Laboratory Annual Report for 1979 to the Department of Energy Assistant Secretary for Environment - Part V - Environmental Assessments, Control, Health and Safety	P A D
	Review of Radiation Studies and Regulations	P A D
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D
79W00084	Review of Current Research Activities Bearing on Carcinogenic Effects of Coal Liquefaction	P A D
	Approach to Exhibit Energy-Related Environmental Safety and Health Impacts Risk Analysis	P A D

ENVIRONMENTAL ISSUE

WELFARE IMPACTS

Reference Number	Title	Division
TID-29425	National Coal Utilization Assessment Report (NCUA)-- Volumes I & II	T A D
	Options for Achieving Increased Coal Consumption - Removing Socioeconomic Constraints	T A D
UCRL-52783	Geothermal Environmental Projects Publication List with Abstracts: 1975 through 1978	T A D
DOE/EV-0052	Technology Assessment of Solar Energy - Three Solar Urban Futures	T A D
UCRL-52763	Social and Economic Research Program for the Geyers--Calistoga Known Geothermal Resource Area	T A D

ENVIRONMENTAL ISSUE

NOISE

Reference Number	Title	Division
	Mitigation Strategy Evaluation Factbook of Laws, Regulations, & Case Studies	R A D

ENVIRONMENTAL ISSUE

WATER AVAILABILITY

Reference Number	Title	Division
ORNL/TM-5893	Interactive Program for Low-Flow Frequency Analysis Regional Study	R A D
PNL-RAP-32	An Analysis of the Tradeoff Between Irrigated Agricultural and Hydroelectric Power in the Pacific Northwest	R A D
	Coal Gasification Demonstration Project	R A D
	Water Assessment for Heber Geothermal Binary Demonstration Project Imperial Co., Ca.	R A D
	Synfuel Plant	R A D
	Energy Competition for Water in Potential Water Availability Problem Basins: Water-Use Patterns, Costs of Water, and Conceptual Allocation Model	E I D
ANL/EES-TM-102	Easing Water Constraints Due to Increased Coal Usage-- Energy Development and Water Options for the Yellowstone River Basin	T A D
	Coal Technology Issues Report on Water Availability	T A D

ENVIRONMENTAL ISSUES

WATER QUANTITY

Reference Number	Title	Division
DOE/EV/10287	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	P A D
DOE/EV-0087	Sythetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	P A D
	Effects of Energy Development and Production on Agricultural Water Requirements	P A D

ENVIRONMENTAL ISSUES

STATE REGULATIONS

Reference Number	Title	Division
	Radiation Issues	P A D
DOE/EV-10286-3	Federal and State Environmental Regulatory Requirements Impacting Synfuels Development	P A D
DOE/EV 10023	Impact of State Environmental Laws and Regulations on Emerging Energy Technologies	P A D
DOE/EV/10274-9	The Application of Interstate Compacts to Energy Facility Siting	P A D
SAND 79-1759	Survey of Indian Issues in the State of New Mexico Relating to Uranium Mining and Milling	"

ENVIRONMENTAL ISSUES

SMCRA

Reference Number	Title	Division
	Review of Cost of Compliance with Selected Regulations in the Proposed Surface Coal Mining Regulation Program	PAD

ENVIRONMENTAL ISSUES

RISK ANALYSIS

Reference Number	Title	Division
	Radiation Risk Analysis	P A D

ENVIRONMENTAL ISSUES

MEDIATION OF DISPUTES

Reference Number	Title	Division
DOE/EV/10274-1	The Potential of Mediation for Resolving Environmental Disputes Related to Energy Facilities	P A D

ENVIRONMENTAL ISSUE

ALL

Reference Number	Title	Division
DOE/EDP-0048	Enhanced Oil Recovery	T A D
DOE/EDP-0049	Unconventional Gas Recovery	T A D
DOE/EDP-0051	Oil Shale	T A D
DOE/EDP-0052	Magnetic Fusion	T A D
DOE/EDP-0055	Decontamination and Decommissioning	T A D
DOE/EDP-0056	Special Nuclear Materials Production	T A D
DOE/EDP-0057	Space Applications	T A D
DOE/EDP-0058	Uranium Mining, Milling and Conversion	T A D
DOE/EDP-0059	Uranium Enrichment	T A D
DOE/EDP-0029	Solar Heating and Cooling of Buildings	T A D
DOE/EDP-0030	Wind Energy Conversion	T A D
DOE/EDP-0031	Photovoltaics	T A D
DOE/EDP-0032	Biomass Energy Systems	T A D
DOE/EDP-0033	Solar Agricultural and Industrial Process Heat	T A D
DOE/EDP-0034	Ocean Thermal Energy Conversion	T A D
DOE/EDP-0035	Solar Thermal Power Systems	T A D
DOE/EDP-0036	Geothermal Energy Systems	T A D
DOE/EDP-0037	Transportation Programs	T A D
DOE/EDP-0038	Electric Energy Systems	T A D
DOE/EDP-0039	Industrial Programs	T A D
DOE/EDP-0040	Energy Storage Systems	T A D
DOE/EDP-0041	Buildings and Community Systems	T A D

ENVIRONMENTAL ISSUE

ALL (cont.)

Reference Number	Title	Division
DOE/EDP-0042	Light-Duty Diesel Vehicles	T A D
DOE/EDP-0046	Fossil Fuel Utilization Program	T A D
DOE/EDP-0047	Underground Coal Gasification	T A D
DOE/EDP-0061	Advanced Isotope Separation	T A D
DOE/ERD-0012	Coal Gasification/Commercialization Phase III Planning	T A D
DOE/ERD-0015	Coal Liquefaction	T A D
DOE/ERD-0018	Solar Heating and Cooling of Buildings	T A D
DOE/ERD-0019	Solar Thermal Power Systems	T A D
DOE/ERD-0020	Ocean Thermal Energy Conversion	T A D
DOE/ERD-0024	Coal Extraction and Preparation Technology	T A D
DOE/ERD-0026	Wood Combustion	T A D
	Industry Energy Use Report	T A D
	Industry Assessment Report	T A D
DOE/EV-0069	Comparative Assessment of Health and Safety Impacts of Coal Use	T A D
DOE/EV-0072	Technology Characterizations/ Environmental Information Handbook	T A D
DOE/EV-0073	Environmental Data-- Energy Technology Characterizations-- Synthetic Fuels	T A D
DOE/EV-0074	Environmental Data-- Energy Technology Characterizations-- Coal	T A D
DOE/EV-0075	Environmental Data-- Energy Technology Characterizations-- Petroleum	T A D

ENVIRONMENTAL ISSUE

ALL (cont.)

Reference Number	Title	Division
DOE/EV-0076	Environmental Data-- Energy Technology Characterizations-- Natural Gas	T A D
DOE/EV-0077	Environmental Data-- Energy Technology Characterizations-- Geothermal	T A D
DOE/EV-0061/2	Environmental Data-- Energy Technology Characterizations-- Nuclear Fuel	T A D
	Energy/Environmental Data Study	R A D
DOE/EV-T-1	Regional Issues Identification and Assessment RIIA I, Volume I	R A D
PNL-RAP-29	Beluga Coal Field Development - Social Effects and Management Activities	R A D
	Methodologies for Integrated Environmental Impact Analysis	E I D
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis - Volume I - Summary	E I D
	A Suggested Bibliography for a Compendium of State-of-the-Art Risk Assessment	E I D
	Intermodal Comparison of Environmental Impacts of Coal Transportation Impacts	P A D
	Proposed Revisions to the TECHNET Model	P A D
	Preliminary List of Environmental Issues Related to Energy Transportation	P A D
	Industrial Sector Energy Use: Analysis of	P A D
	Comparison of Energy Demand Projections	P A D

GEOGRAPHIC REGION

REGION — *Page No.*

U.S.A. 115
NEW ENGLAND 123
NEW YORK-NEW JERSEY 124
NORTHEAST 125
MID-ATLANTIC STATES 126
MONONGAHELA RIVER 127
SOUTH ATLANTIC STATES 128
SOUTH 129
SOUTHWEST 130
MIDWEST 131
OHIO RIVER 132
MISSOURI RIVER 133
CENTRAL STATES 134
NORTH CENTRAL STATES 135
COLORADO RIVER 136
ROCKY MOUNTAINS 137
WEST 138
NORTHWEST 140
COLUMBIA RIVER 141
YELLOWSTONE RIVER 142
CALIFORNIA 143
ALASKA 144
APPALACHIA 145
GLOBAL 146
INTERNATIONAL (excl. U.S.A.) 147
GULF COAST 148
DEEP OCEAN 149
CONTINENTAL SHELF 150
GROUNDWATER 151

BLANK PAGE

U.S.A.

Reference Number	Title	Division
DOE/EV-0071	A Technology Assessment of Productive Conservation in Urban Transportation--Project Description	T A D
UCRL-52783	Geothermal Environmental Projects Publication List with Abstract: 1975 through 1978	"
ORNL-5583 ORNL/EV/OEA-2001	An Integrated Assessment of the Phosphate Industry	"
ORNL/TM-6812	Survey of Knowledge of Hazards of Chemicals Potentially Associated with the Advanced Isotope Separation (AIS) Processes	"
BNL 51046	Ranking Energy Conservation Measures to Establish Research Priorities: Synopsis of a Workshop	"
DOE/ERD-0012	Coal Gasification/Commercialization Phase III Planning	"
DOE/ERD-0015	Coal Liquefaction	"
DOE/ERD-0018	Solar Heating and Cooling of Buildings	"
DOE/ERD-0019	Solar Thermal Power Systems	"
DOE/ERD-0020	Ocean Thermal Energy Conversion	"
DOE/ERD-0023	Coal/Oil Mixtures	"
DOE/ERD-0024	Coal Extraction and Preparation Technology	"
DOE/ERD-0025	Solar Agricultural and Industrial Process Heat	"
DOE/ERD-0026	Wood Combustion	"
DOE/EDP-0029	Solar Heating and Cooling of Buildings	"
DOE/EDP-0030	Wind Energy Conversion	"
DOE/EDP-0031	Photovoltaics	"
DOE/EDP-0032	Biomass Energy Systems	"

U.S.A. (cont.)

Reference Number	Title	Division
DOE/EDP-0033	Solar Agricultural and Industrial Process Heat	T A D
DOE/EDP-0035	Solar Thermal Power Systems	"
DOE/EDP-0036	Geothermal Energy Systems	"
DOE/EDP-0037	Transportation Programs	"
DOE/EDP-0038	Electric Energy Systems	"
DOE/EDP-0039	Industrial Programs	"
DOE/EDP-0040	Energy Storage Systems	"
DOE/EDP-0041	Buildings and Community Systems	"
DOE/EDP-0042	Light-Duty Diesel Vehicles	"
DOE/EDP-0046	Fossil Fuel Utilization Program	"
DOE/EDP-0047	Underground Coal Gasification	"
DOE/EDP-0048	Enhanced Oil Recovery	"
DOE/EDP-0049	Unconventional Gas Recovery	"
DOE/EDP-0051	Oil Shale	"
DOE/EDP-0052	Magnetic Fusion	"
DOE/EDP-0055	Decontamination and Decommissioning	"
DOE/EDP-0057	Space Applications	"
DOE/EDP-0058	Uranium Mining, Milling and Conversion	"
DOE/EDP-0060	Nuclear Materials Transportation	"
DOE/EDP-0063	Commercial Waste Management	"
DOE/EDP-0064	Defense Waste Management	"
DOE/EV-0099	Technology Assessment of Solar Energy - Characterization Summary	"
DOE/EV-0059	Technology Assessment of Solar Energy - Solar/Community Impacts	"

U.S.A. (cont.)

Reference Number	Title	Division
DOE/EV-0052	Technology Assessment of Solar Energy - Three Solar Urban Futures	T A D
DOE/EV-0067	A Technology Assessment of Solar Energy Systems - Land Use and Environmental Impacts of Decentralized Solar Energy Use	"
	Solar Impacts of Long Range Transport of Sulfates	"
DOE/EV-0072	Technology Characterizations/Environmental Information Handbook	"
DOE/EV-0073	Environmental Data-- Energy Technology Characterizations-- Synthetic Fuels	"
DOE/EV-0074	Environmental Date-- Energy Technology Characterizations-- Coal	"
DOE/EV-0075	Environmental Date-- Energy Techonology Characterizations-- Petroleum	"
DOE/EV-0076	Environmental Data-- Energy Technology Characterizations-- Natural Gas	"
DOE/EV-0077	Environmental Data-- Energy Technology Characterizations-- Geothermal	"
DOE/EV-0061/2	Environmental Data-- Energy Technolgy Chacterizations-- Nuclear Fuel	"
	Industry Assessment Report	"
ANL/EES-TM-80	Industrial Boilers New Source Performance Standards	"
	Liquefaction Technology Assessment: Costs Versus Stringency of Environmental Parameters	"
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes	"
DOE/EV-0069	Comparative Assessment of Health and Safety Impacts of Coal Use	"

U.S.A. (cont.)

Reference Number	Title	Division
TID-29425	National Coal Utilization Assessment Report (NCUA)-- Volumes I & II	T A D
ANL/EES-TM-75	Options for Achieving Increased Coal Consumption- Removing Socioeconomic Constraints	"
	Disposal and Utilization Options for Easing Constraints on Coal Due to Solid Waste Issues	"
	Coal Technology Issues Report on Water Availability	"
	Industry Energy Use Report	"
MTR-79W00284	Annual Environmental Analysis Report II	E I D
HCP/P-6119	National Environmental Impact Program (NEIP) I	"
	National Environmental Impact Program (NEIP) II	"
MTR-79W00225	National Energy Plan II - Appendix Environment Trends and Impacts	"
	Direct and Indirect Economic Impacts of NEIP Scenarios	"
	Methodologies for Integrated Environmental Impact Analysis	"
HCP/EV-61191	Environmental Data for Energy Technology Policy Analysis - Volume I - Summary	"
	Standby Energy Conservation Plan No. 2 Building Temperature Restrictions Plan	"
	National Energy Supply Strategy Initiatives Analysis	"
	Environmental Research Priorities for Energy in the 1980's	"
	Impacts of the Toxic Substances Control Act on Energy Industries	"

U.S.A. (cont.)

Reference Number	Title	Division
	National Health Assessment Methods	E I D
DOE/EV-0098	Proceedings of the Workshop on National/ Regional Energy-Environmental Modelling Concepts	"
DOE/EV-0098	Integrated Assessments for Energy Related Environmental Standards-- A Workshop of Environmental Impacts	"
	Applications of the National Ecological Data Base Project Activities for FY 1979	"
BNL-26185-R1	A Long Range Transport Model for Calculating the Atmospheric Impacts of Residual Sulfur Oxides	"
DOE/EV-01682	Leading Trends in Environmental Regulation That Affect Energy Development	"
	A Suggested Bibliography for a Compendium of State-of-the-Art Risk Assessment	"
	Assessment of Endangered Species-- Energy Development Conflicts Development, Nov. 79 U. S. Endangered Species Distribution File October, 1979	"
	Solid Waste Model Report	"
	Energy Competition for Water in Potential Water Availability Problem Basins: Water-use Patterns, Costs of Water, and Conceptual Allocation Model	"
	User and Programmer Guide: Water Quality Model	"
PNL-RAP-37 UC-11	The Development of a National Interregional Transport Matrix for Respirable Particulates	"
	Use of SEEDIS by DOE/OTI	"
	Regional & Urban Studies Technical Information Center Support	"
	Input Document to EPA	"

U.S.A. (cont.)

Reference Number	Title	Division
ORNL 5513	Annual Progress Report- Energy Division, Period Ending September 30, 1978	E I D
	SEAS Regionalization Comparison Report	"
	Ecological Maps from SEAS Data	"
	Automatic Report Writer - SEAS	"
	A Coal Transport Environmental Residuals Model for SEAS	"
MTR-79W00256	Work Plan for SEAS 8 Development	"
	SEAS Development Plan	
DOE/EV-T-1	Regional Issues Identification & Assessment RIIA I, Volume I	R A D
DOE/EV-0063	RIIA - Volume II	"
	RIIA II	"
	Non-Conventional Technologies for Municipal Utilities in Small Communities	"
ORNL/TM-5893	Interactive Program for Low-Flow Frequency Analysis Regional Study	"
	Forecasting, Monitoring, Management of Social and Economic Impacts of Energy Development	"
	Mitigation Strategy Evaluation Factbook of Laws, Regulations, & Case Studies	"
B-HARC-411-045	Literature Survey Identifying Community Response to Energy Development	"
	Energy/Environment Data Study	"
	Proposed Revisions to the TECHNET model	P A D
	Limits for the Burial of the Department of Energy Transuranic Wastes	"
	Impacts of the Toxic Substance Control Act on DOE Nuclear Programs	"
	Environmental Issues Briefing Book - Radiation Inserts	"

U.S.A. (cont.)

Reference Number	Title	Division
DOE/EV-2037-1	Regulatory Delay	P A D
DOE/EV-2037-2	Coal-Based Synfuels v.s. Direct Combustion Facilities: Potential Competition for Preferred Sites	"
DOE/EV-2037-4	The Need for Power Issue in the Context of Recent State Powerplant Siting Legislation	"
DOE/EV-0050-1	Issues Concerning the Light-Duty Diesel	"
DOE/EV-0050-2	Issues Concerning the Light-Duty Diesel: An Update	"
79W00084	Review of Current Research Activities Bearing on Carcinogenic Effects of Coal Liquefaction	"
DOE/EV/10274-9	The Application of Interstate Compacts to Energy Facility Siting	"
	Energy-Related Land and Water Use Projections	"
4238-649	Analysis of BLM Federal Coal Leasing Program: Criteria for Designating Lands Unsuitable for Mining	"
DOE/EV-01527	The Impact of Coal Mining on Prime Agricultural Lands	"
	Review of Cost of Compliance with Selected Regulations in the Proposed Surface Coal Mining Regulation Program	"
	An Analysis of the Office of Surface Mining Estimates of the Cost of Implementing the Surface Mining Control and Reclamation Act	"
	The Impact of RCRA on Coal Liquefaction Wastes	"
	The Impact of RCRA on Coal Gasification Wastes	"
	Radiation Risk Analysis	"
ANL/EES-TM-97	Environmental Assessment of the President's Program to Reduce Oil and Gas Use in the Electric Utility Sector	"

U.S.A. (cont.)

Reference Number	Title	Division
	Industrial Sector Energy Use: Analysis or Energy-Environmental Issues	P A D
	Comparison of Energy Demand Projections	"
	Effects of Energy Development and Production on Agricultural Water Requirements	"
	Locational Analysis Procedures	"
	SEAS Reference System	"
	Feasible Sites for Electric Utilities	"
DOE/EV/10287	Environmentally-Based Siting Assessment for Synthetic Liquid Fuels Facilities	"
DOE/EV-0087	Synthetic Fuels and The Environment: An Environmental and Regulatory Impacts Analysis	"
DOE/EV-10286-3	Federal and State Environmental Regulatory Requirements Impacting Synfuels Development	"
DOE/EV 10023	Impact of State Environmental Laws and Regulations on Emerging Energy Technologies	"
DOE/EV/10274-1	The Potential of Mediation for Resolving Environmental Disputes Related to Energy Facilities	"

NEW ENGLAND

Reference Number	Title	Division
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
	Mitigating Impacts of Increased Coal Utilization in the Northeast: Postscript of National Coal Utilization Assessment	"

NEW YORK - NEW JERSEY

Reference Number	Title	Division
BNL 51213	Energy Conservation in Two Northeastern Cities: Opportunities, Problems and Prospects	T A D
	Mitigating Impacts of Increased Coal Utilization in the Northeast: Postscript of National Coal Utilization Assessment	"

NORTHEAST

Reference Number	Title	Division
DOE/TIC-10114/3	Regional Data Book - Northeast	R A D
DOE/EV/01528-T1	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	P A D

MID-ATLANTIC STATES

Reference Number	Title	Division
	Water Assessment for Monongahela Synfuel Plant	R A D
DOE/EDP-0049	Unconventional Gas Recovery	T A D
DOE/EDP-0051	Oil Shale	"
	Mitigating Impacts of Increased Coal Utilization in the Northest: Postscript of National Coal Utilization Assessment	"

MONONGAHELA RIVER

Reference Number	Title	Division
	Water Assessment for Monongahela Synfuel Plant	R A D

SOUTH ATLANTIC STATES

Reference Number	Title	Division
DOE/EDP-0056	Special Nuclear Materials Production	T A D

SOUTH

Reference Number	Title	Division
DOE/TIC-10114/4	Regional Data Book - South	R A D

SOUTHWEST

Reference Number	Title	Division
UCRL-52797	The Potential Air Quality Impact of Geothermal Power Production in the Imperial Valley	T A D
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado Basin	R A D
	Radiation Issues	P A D
	Preliminary List of Environmental Issues Related to Energy Transportation	"
	Issues Associated with Coal Slurry Pipeline Development	"
	Intermodal Comparison of Environmental Impacts of Coal Transportation Impacts	"
SAND 79-1759	Survey of Indian Issues in the State of New Mexico Relating to Uranium Mining and Milling	"

MIDWEST

Reference Number	Title	Division
DOE/TIC-10114/6	Regional Data Book - Midwest	R A D
	Synfuels in the Ohio River Basin	"
DOE/EDP-0059	Uranium Enrichment	T A D
ANL/EES-TM-70	Water Laws in Eleven Midwestern States: Summary Tables	"

OHIO RIVER

Reference Number	Title	Division
	Synfuels in the Ohio River Basin	R A D

MISSOURI RIVER

Reference Number	Title	Division
	Water Assessment for Great Plains Gasification Associates Project	R A D

CENTRAL STATES

Reference Number	Title	Division
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes--Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry - Volume I, An Engineering Analysis	E I D
	Volume II (of above) - A Subjective Self-Assessment of Uncertainity in the Predicted Costs	"
	Review of State Implementation Plans for Non-attainment Areas	"
DOE/EDP-0061	Advanced Isotope Separation	T A D
DOE/EDP-0056	Special Nuclear Materials Production	"
DOE/EDP-0059	Uranium Enrichment	"

NORTH CENTRAL STATES

Reference Number	Title	Division
	Water Assessment for Great Plains Gasification Associates Project	R A D
DOE/EDP-0051	Oil Shale	T A D
80W00448	Aquifer Preservation in Coal Development Areas	P A D
	Coal Impacts Report	"
	Issues Associated with Coal Slurry Pipeline Development	"
	Intermodal Comparison of Environmental Impacts of Coal Transportation Impacts	"
	Preliminary List of Environmental Issues Related to Energy Transportation	"
	Cross-Media Impacts on Water Quality	"

COLORADO RIVER

Reference Number	Title	Division
	Availability of Water for Oil Shale and Coal Gasification Development in the Upper Colorado Basin	R A D

ROCKY MOUNTAINS

Reference Number	Title	Division
DOE/TIC-10114/1	Regional Data Book - Rocky Mountains	R A D

WEST

Reference Number	Title	Division
UCRL-52797	The Potential Air Quality Impact of Geothermal Power Production in the Imperial Valley	T A D
UCRL-52699	Imperial Valley Environment Project-Air Quality Assessment	"
UCRL-82871	Water-Related Impacts of Geothermal Developments in California's Imperial Valley	"
DOE/EDP-0048	Enhanced Oil Recovery	"
DOE/EDP-0051	Oil Shale	"
	Solar Impacts of Long Range Transport of Particulates	"
	Forecasting the Impacts of Pollutants on Plant Growth with Computer Simulations--a Case Study	"
DOE/EV-0092	IVEP Geothermal Integrated Assessment Report	"
UCRL-52763	Social and Economic Research Program for the Geysers-- Calistoga Known Geothermal Resource Area	"
ANL/EES-TM-102	Easing Water Constraints Due to Increased Coal Usage-- Energy Development and Water Options for the Yellowstone River Basin	"
	Water Availability Assessment for Coal Technology Requirements in the Upper Missouri Basin	R A D
DOE/TIC-10114/2	Regional Data Book - West	"
DOE/EV-0055	Environmental Control Costs for Oil Shale Processes--Predicted Costs of Environmental Controls for a Commercial Oil Shale Industry - Volume I, An Engineering Analysis	E I D
	Volume II (of above) - A Subjective Self-Assessment of Uncertainty in the Predicted Costs	"
	Review of State Implementation Plans for Non-attainment Areas	"
	Water Supply Demand in Large Scale Optimization Model of Energy Supply	"

WEST (cont.)

Reference Title	Title	Division
16600-028-001	Environmental Regulatory Constraints Affecting Oil Shale Facility Siting and Operation: Perceptions of Industry and Potential Roles for the Energy Mobilization Board	P A D
	Water Quality Issues and Western Energy Development: An Overview	"
	Water Quality Non-Degradation	"
	Cross-Media Impacts on Water Quality	"
	Changing Supply Mix in a State Heavily Reliant on Gas and Oil for Electric Power Generation	"
DOE/EV-2037-3	Defining and Assessing Coal in California	"

NORTHWEST

Reference Number	Title	Division
PNL-RAP-39	Potential Social, Institutional and Environmental Impacts of Selected Energy Conservation Measures in Two Washington Communities	T A D
DOE/EDP-0051	Oil Shale	"
DOE/EDP-0056	Special Nuclear Materials Production	"
PNL-RAP-36	Regional Assessment Program - Regional Issue Identification and Assessment (RIIA): Volume I - An Analysis of the Treadlong Mid Scenario for Federal Region 10	R A D
DOE/TIC-10114/5	Regional Data Book - Northwest	"
PNL-RAP-26	Long Range Transport of Sulfur in the Western United States	"
PNL-RAP-35	Evaluation of Environmental Impacts of Outer Continental Shelf Petroleum Development in the Pacific Northwest and Alaska	"
PNL-RAP-32	An Analysis of the Tradeoff Between Irrigated Agriculture and Hydroelectric Power in the Pacific Northwest	"

COLUMBIA RIVER

Reference Number	Title	Division
DOE/EDP-0056	Special Nuclear Materials Production	T A D

YELLOWSTONE RIVER

Reference Number	Title	Division
	Water Availability Assessment for Coal Technology Requirements in the Upper Missouri Basin	R A D

CALIFORNIA

Reference Number	Title	Division
	Water Assessment for Heber Geothermal Binary Demonstration Project, Imperial Co., Ca.	R A D
DOE/EV-2037-3	Changing Supply Mix in a State Heavily Reliant on Gas and Oil for Electric Power Generation	P A D
DOE/EV/01528-T1	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	"

ALASKA

Reference Number	Title	Division
PNL-RAP-35	Evaluation of Environmental Impacts of Outer Continental Shelf Petroleum in the Pacific Northwest and Alaska	R A D
PNL-RAP-32	An Analysis of the Tradeoff Between Irrigated Agriculture and Hydroelectric Power in the Pacific Northwest	"
PNL-RAP-29	Beluga Coal Field Development - Social Effects and Management Activities.	"
PNL-RAP-26	Long Range Transport of Sulfur in the Western United States	"
PNL-RAP-36	Regional Assessment Program- Regional Issue Identification and Assessment (RIIA): Volume I - An Analysis of the Treadlong Mid Scenario for Federal Region 10	"
	Alaska Studies - Coal Related Air Studies	T A D

APPALACHIA

Reference Number	Title	Division
80W00448	Aquifer Preservation in Coal Development Areas	P A D
	Coal Impacts Report	

GLOBAL

Reference Number	Title	Division
ANL/AA-15	Proceedings of the National Ecological Assessment Workshop	E I D
ANL-79-71	An Interim Report on the Development and Application of Environmental Mapped Data Digitalization, Encoding, Analysis & Display Software for the ALICE System - Volume I	"
DOE/EDP-0057	Space Applications	T A D
	Approach to Exhibit Energy-Related Environmental Safety and Health Impacts Risk Analysis	P A D
PNL-3300	Pacific Northwest Laboratory Annual Report for 1979 to the Department of Energy Assistant Secretary for Environmental-Part V-Environmental Assessments, Control, Health and Safety	"
	Review of Radiation Studies and Regulations	"

INTERNATIONAL (excl. US)

Reference Number	Title	Division
	Environmental and Health Impacts of the Development of Synthetic Fuels Outside the United States	P A D

GULF COAST

Reference Number	Title	Division
DOE/EDP-0049	Unconventional Gas Recovery	T A D
DOE/EV/01528-T1	Refining the Waterfront: Alternative Energy Facility Siting Policies for Urban Coastal Areas	P A D

DEEP OCEAN

Reference Number	Title	Division
DOE/EDP-0034	Ocean Thermal Energy Conversion	T A D

CONTINENTAL SHELF

Reference Number	Title	Division
DOE/EDP-0034	Ocean Thermal Energy Conversion	T A D
PNL-RAP-35	Evaluation of Environmental Impacts of Outer Continental Shelf Petroleum Development in the Pacific Northwest and Alaska	R A D

GROUNDWATER

Reference Number	Title	Division
DOE/EDP-0056	Special Nuclear Materials Production	T A D

☆U.S. GOVERNMENT PRINTING OFFICE: 1981–341-060:2029